

**State Water Infrastructure Authority
September 14, 2022 Meeting**

Agenda Item L – Potential Funding of Applications for Systems Under LGC Fiscal Control

Division of Water Infrastructure Staff Report

Background

On July 14, 2022, the State Water Infrastructure Authority (Authority) awarded funding that included the first round of American Rescue Plan Act monies both from the State Reserve Program (SRP) and the Viable Utility Reserve (VUR), as well as the State Revolving Funds. These awards were based on \$3.05 billion of funding requests for construction projects the Division of Water Infrastructure (Division) received during its Spring 2022 application intake. The Authority awarded a total of approximately \$734.5 million for construction projects, meaning that the Division was only able to fund approximately 24 percent of construction funding requests.

Due to this high demand, several projects were not funded, including projects submitted by the following local government units (LGUs) that are designated as distressed and are under Local Government Commission (LGC) fiscal control:

- Town of Eureka (one project)
- Town of Kingstown (two projects)
- Town of Pikeville (one project)
- Town of Robersonville (one project)

Attachment L.1 contains a letter from State Treasurer Folwell received by Authority Chair Eskaf on September 7, 2022. The letter requests that the Authority reconsiders funding these five projects for reasons related to resolving the LGUs' water and sewer issues, which are hurdles to restoring local control of the LGUs' finances to their governing boards, and to minimize the need to continue to access Emergency Operating Grants.

Table L.1 below contains information related to these projects. Attachment L.2 contains the Spring 2022 funding sheets, and the project number in Table L.1 refers to the numbers for each project on the funding sheets. The five projects scored below other projects that were funded following the Priority Rating System established by the Authority. Attachment L.3 contains the common application and narrative only for each project. Attachment L.4 contains the Division scorecards for each project.

Table L.1. Summary of Information Related Five Spring 2022 Funding Applications from LGUs under LGC Fiscal Control

Proj. #	LGU Name	Project Name	Funding Amount Requested	Score Submitted by the Applicant	Score Verified (Final)	Project Purpose	Project Benefit	System Management	Affordability
87 (WW)	Town of Eureka	Wastewater Collection System Improvements	\$14,999,900	85	54	25	3	5	21
175 (WW)	Town of Kingstown	Lift Station and Force Main Improvements	\$1,568,760	57	41	15	0	5	21
176 (WW)	Town of Kingstown	Macedonia Church Road Gravity Sewer Replacement	\$280,320	56	41	15	0	5	21
218 (WW)	Town of Pikeville	2022 Wastewater Project Improvements	\$9,100,000	58	30	0	0	5	25
168 (DW)	Town of Robersonville	Meter Replacement Project	\$1,140,576	46	26	0	0	5	21
Total Funding Requested:			\$27,089,556						

Other Observations

- For wastewater projects, funding from the Viable Utility Reserve (VUR) was awarded for applications that scored 57 points or higher.
- For drinking water projects, funding from the VUR was awarded for applications that scored 38 points or higher.
- In the Spring 2022 funding round, funding applications for construction projects for all LGUs designated as distressed were evaluated and awarded in priority order according to their application scores and the Priority Rating Systems. Prioritization was not affected by whether LGUs were designated under Identification Criterion 1 (under LGC’s fiscal control), Identification Criterion 2 (missing two consecutive audited financial statements), or Identification Criterion 3 (based on the LGU’s Total Assessment Criteria Scores).
- At the end of the Spring 2022 funding round, less than \$110 million remains available in the Viable Utility Reserve for funding projects that will be considered in the Fall 2022 funding round.



September 7, 2022

Mr. Shadi Eskaf, Chairperson
State Water Infrastructure Authority
Raleigh, NC

Shadi, as you are fully aware, the Local Government Commission (LGC) is currently controlling the finances of six local governments that provide water and/or sewer services to their residents and other customers. In each of these six governments, the poor condition, both financial and operational, of the utility system(s) played a significant role in the LGC's decision to exercise its authority and take control of the finances of these governments.

Five of the six governments applied for construction project funding in the spring, 2022 funding round offered by the Division of Water Infrastructure (DWI) and awarded by the State Water Infrastructure Authority (SWIA). The following projects were not funded in this round:

- Town of Eureka, one project, \$15,000,000 for sewer replacement
- Town of Kingstown, two projects, \$280,320 for sewer repairs and \$1,568,760 for sewer repairs
- Town of Pikeville, one project, \$9,100,000 for rehabilitation of wastewater treatment plant and construction of a public works operations building
- Town of Robersonville, one project, \$1,140,576, for replacement water meters

I am asking that the SWIA reconsider funding these projects at its September 2022 meeting. Resolving the water and/or sewer issues in these municipalities is a top priority for the LGC and a significant hurdle to restoring local control of each unit's finances to their governing boards. The LGC is extremely reluctant to step back from these units until funding to address significant issues with their utilities has been secured. Addressing their funding issues now will allow LGC staff to move forward with planning and preparing their exit strategies for these units. In addition, all of these units have accessed the Emergency Operating Grant program, and most will likely continue to do so until the structural problems are addressed. By funding these projects now, SWIA can help reduce the amount of state time and money that is spent on supporting operations in these entities.

I am happy to discuss further at your convenience.

Sincerely,

Dale R. Folwell, CPA
Treasurer, State of North Carolina
Chairperson, Local Government Commission

Wastewater Projects -- Spring 2022 Application Funding Round
Projects Approved for Funding by the State Water Infrastructure Authority on July 14, 2022

Attachment L.2

Funded in VUR*	
Funded in State Reserve	
Funded in VUR and CWSRF*	
Funded in State Reserve and CWSRF	
Funded in CWSRF	

*Funding from the Viable Utility Reserve contingent upon approval by the Local Government Commission.

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Max. Eligible PF/Grant Verified (not applicable to ARPA)	Total Project Cost	Total Funding Requested	Grant from VUR (ARPA "Distressed")	Grant from State Reserve (ARPA "At-Risk")	Grant from State Reserve (ARPA "All Other Systems")	Grant from State Reserve (ARPA "Study Grants")	Grant from State Reserve (\$L 2022-74)	Loan from State Reserve (non-ARPA)	CWSRF Principal Forgiveness	CWSRF Green Project Reserve	CWSRF Loan	Points Submitted by Applicant	Points Verified	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Other Considerations/Staff Notes	
1	Siler City, Town of	Sewer Rehabilitation	Chatham	Town of Siler City	Replacement of 19,560 LF of 8-inch gravity sewer, manholes and service laterals	Yes	All Other	0%	\$0	\$5,000,000	\$5,000,000		\$3,000,000							\$2,000,000	88	88	25	35	15	13		ARPA Funding Cap met	
2	Burnsville, Town of	Bakers Creek Pump Station Improvements	Yancey	High Country Council of Governments	Replace of 1.7 MGD Pump Station	no	At-Risk	0%	\$0	\$599,500	\$599,500		\$599,500								83	81	25	30	15	11	4.C. Incorrect points claimed		
3	Littleton, Town of	Wastewater Treatment Plant Improvements	Halifax	Rivers & Associates, Inc.	Rehabilitation of clarifier and pump station, replacement of headworks, chemical feed building, dichlorination, influent and grinder pumps and improvements of sludge drying beds and SCADA	No	At-Risk	75%	\$1,500,000	\$4,000,000	\$2,000,000		\$2,000,000								86	80	25	29	5	21	2.C. Points not awarded as only SSO provided is due to severe natural condition 2.N.5 Points not awarded map, infrastructure not within 100-yr flood plain	Applicant is Earmarked \$2.0 Million ARPA-funds for this project (total Project Cost = \$4.0 Million)	
4	Rowland, Town of	Sanitary Sewer Improvements	Robeson	LXC Engineering, PLLC	WWTP and collection system rehab. Rehab 3 pump stations. Replace pump station and headworks. De-sludge lagoon.	Yes	Distressed	100%	\$10,300,000	\$10,300,000	\$10,300,000	\$10,300,000									80	80	25	21	15	19			
5	Lake Waccamaw, Town of	Phase 6 Sewer Improvements	Columbus	Engineering Services, P.A.	Improve Collection system and WWTP. Replace lift stations and WWTP headworks, install emergency generators, replace/rehab 50 manholes, install activated sludge unit.	No	At-Risk	50%	\$4,599,225	\$9,198,450	\$9,198,450		\$9,198,450								82	79	25	32	5	17			
6	Burnsville, Town of	Main Sewer Interceptor Improvements (East)	Yancey	High Country Council of Governments	Replace 6,800 LF of main sewer interceptor	No	At-Risk	0%	\$0	\$2,153,570	\$2,153,570		\$2,153,570								81	79	25	28	15	11	4.C. Incorrect points claimed		
7	Pittsboro, Town of	Find It & Fix It Sewer Rehabilitation	Chatham	WK Dickson & Co., Inc.	I&I reduction in Robeson Creek basin. Repairs to 88,000 lf of gravity sewer, four pump stations and forcemain.	No	All Other	0%	\$0	\$4,450,000	\$4,450,000			\$4,450,000							77	77	25	33	5	14		ARPA Funding Cap met	
8	Yadkin Valley Sewer Authority	Floodplain Resiliency Collection System Improvements	Surry	West Consultants, Inc.	Collection system rehab. Raise and seal 42 manholes, rehab 17 manholes, replace 1 manhole, replace 510 lf of gravity sewer, 18" gravity sewer aerial crossing, ten spot repairs of gravity line.	Yes	All Other	50%	\$544,200	\$1,088,400	\$1,088,400		\$1,088,400								77	77	25	22	15	15			
9	Andrews, Town of	Town of Andrews Wastewater Treatment Plant Upgrade and Modernization	Cherokee	McGill Associates	WWTP Improvements. Install equalization tank with pump station, vortex grit chamber, oxidation ditch to replace trickling filters, upgrade pump station, storage and dewatering building, new emergency generator.	Yes	Distressed	75%	\$8,788,725	\$11,952,700	\$11,718,300	\$11,718,300										75	75	25	16	15	19		
10	Clinton, City of	Wastewater Treatment Plant Resiliency Improvements	Sampson	WithersRavenel	Relocate and replace influent screen and influent pump station outside 100-year and 500-year flood elevation. Supplemental funding for ASADRA project CS370425-07.	No	All Other	0%	\$0	\$5,657,000	\$2,558,000		\$2,558,000								74	74	25	23	15	11		Supplemental funding for SRF Asadra CS370425-07 (in ER phase).	
11	Bailey, Town of	Sanitary Sewer Improvements	Nash	McDavid Associates Inc.	Decommission drip irrigation system and install pump station and force main to City of Wilson. Replace or rehab 25,095 lf gravity sewer.	Yes	Distressed	100%	\$9,546,600	\$14,465,600	\$9,546,600	\$9,464,100						\$82,500		\$0	94	74	25	21	5	23	2.F. Points not awarded as merger of ownership and operation not documented and interlocal government agreement was missing	VUR Funding Cap Met. There is an ARP project grant of \$5,000,000 already approved project No. VUR-W-ARP-0001	
12	Hertford, Town of	Collection System Improvements	Perquimans	WithersRavenel	Replace pump station, rehab 8,200 lf gravity sewer. Electrical upgrades at WWTP.	yes	Distressed	100%	\$3,746,490	\$3,743,490	\$3,746,490	\$3,673,200						\$73,290		\$0	74	74	25	21	5	23	1.C.1. Points not awarded as enough information was not provided for the age of the PS. 2.C. Points not awarded as SSO map was not provided 2.N.7. Points not awarded as the project does not	VUR Funding Cap met	
13	Mount Olive, Town of	Collection System Rehab & Replc	Wayne	McGill Associates	Replace or rehabilitate ~20,210-LF of cement and 39,200-LF gravity sewer and associated manholes to reduce I&I.	Yes	Distressed	50%	\$7,500,000	\$15,000,000	\$15,000,000	\$14,000,000						\$500,000	\$500,000		78	73	25	18	15	15	2.E.1. Points not awarded as SOC was not provided.	WWTF Improvements is Towns Priority Project. ARPA Funding Cap Met	
14	Roseboro, Town of	Rehabilitation/Replacement	Sampson	The Adams Company, Inc.	Rehab/replace 21,880 lf gravity sewer. Current CDBG and Appropriation project to eliminate I&I underway.	Yes	At-Risk	50%	\$3,207,880	\$6,415,760	\$6,415,760		\$6,415,760								73	73	25	18	15	15			
15	Yadkin Valley Sewer Authority	2022 Collection System Improvements	Surry	West Consultants, Inc.	Rehab 72 manholes and 27,060 LF gravity sewer. Replace 4,700' of sewer	Yes	All Other	50%	\$2,046,400	\$4,092,800	\$4,092,800		\$3,911,600					\$181,200	\$0		73	73	25	18	15	15		ARPA Funding Cap met	
17	Clinton, City of	WWTP Electrical Service Resiliency and Reliability Improvements	Sampson	WithersRavenel	Install Generator and replace electrical infrastructure	Yes	All Other	0%	\$0	\$3,676,000	\$3,621,000			\$2,442,000					\$1,179,000		72	72	25	21	15	11		ARPA Funding Cap met	
18	Bryson City, Town of	WWTP Improv.	Swain	McGill Associates	Replace WWTP with oxidation ditch, expanding capacity from 0.6 to 1.2 MGD, New lab, office. Replace and expand sewer main to plant. Ceramic lining of sewer.	Yes	At-Risk	50%	\$8,499,200	\$16,998,400	\$16,998,400		\$15,000,000					\$500,000	\$1,498,400		72	72	12	30	15	15		ARPA Funding Cap met	
19	Star, Town of	WWTP & Collection System Improvements	Montgomery	LXC Engineering, PLLC	WWTP replacement, including headworks, new SBR, and new filtration system. Rehab chlorine contact basin, operations building. Install new SCADA system and emergency generator. Replace pump station. Replace 2,000 LF force main.	Yes	Distressed	100%	\$13,575,000	\$13,575,000	\$13,575,000	\$13,575,000										71	71	25	24	5	17		
20	Siler City, Town of	WTP Sludge Handling Improvements	Chatham	Town of Siler City	Replace sludge and process water handling equipment at WWTP	No	All Other	0%	\$0	\$2,955,000	\$2,955,000										88	71	25	18	15	13	2.0. No points awarded as there is no direct connection for low oxygen impairment on the Rocky River below the WWTP and the WTP sewer pump station.	ARPA Funding Cap Met Higher Scoring project have reached funding Cap. The Town requests that the Water Treatment Plant Sludge Handling Improvements Project be given first priority.	
21	Haw River, Town of	Lang Steet Pump Station	Alamance	Alley, Williams, Carmen & King, Inc.	Replace pump station w/protection from 100-year flood elevation.	yes	At-Risk	50%	\$2,500,000	\$5,000,000	\$5,000,000		\$5,000,000								79	71	12	35	7	17	2.N.7. No points awarded as applicant received points on 2.N.4		
22	Fairmont, Town of	Fairmont Collection System Rehabilitation	Robeson	LXC Engineering, PLLC	Replace 30,350 lf gravity sewer and manholes, rehab force main to WWTP.	Yes	Distressed	50%	\$7,500,000	\$15,000,000	\$15,000,000	\$14,769,667						\$230,333	\$0		69	69	25	18	15	11		ARPA Funding Cap met	
23	Fayetteville Public Works Commission	SS Main Rehab	Cumberland	Hazen and Sawyer	Rehab 72,800 lf gravity sewer.	no	All Other	0%	\$0	\$4,973,845	\$4,973,845		\$4,973,845								69	69	25	18	15	11			
24	Wadesboro, Town of	Collection System Improvements	Anson	LXC Engineering, PLLC	Replace 16,250 lf gravity sewer and manholes, replace lift station.	Yes	At-Risk	25%	\$2,389,125	\$9,556,500	\$9,556,500		\$9,556,500								69	69	25	18	15	11			
25	Parkton, Town of	Sewer System Improvement	Robeson	McGill Associates	Replace 17,150 lf gravity sewer, 60 manholes, service laterals, with relocation out of 500-year floodplain. Replace gravity sewer with new lift station.	Yes	At-Risk	100%	\$4,928,210	\$4,928,210	\$4,928,210		\$4,928,210									82	69	15	18	15	21	1.C.1. No points given as the narrative is weak and no documentation or affidavit of age provided. 2.E.2. No points given as SSO locations are not close to the proposed project.	

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143	Taylorsville, Town of	2022 Surface Water Protection Collection System Rehabilitation	Alexander	West Consultants, PLLC	Rehab and replace pipe and manholes	No	At-Risk	0%	\$0	\$1,515,600	\$1,515,600										61	46	25	3	7	11	2.C. Points not awarded due to NOV related to severe natural condition.		
144	Yanceyville, Town of	WWTP Rehabilitation	Caswell	Alley, Williams, Carmen & King, Inc.	Replace mechanical bar screen, SBR Equipment, and influent pumps; AND, replace the chemical feeds and lab equipment; and install of SCADA	no	At-Risk	0%	\$0	\$2,440,000	\$2,440,000										51	46	25	3	5	13	2.E.2. No points given due to insufficient supporting documentation. 3.A.2: No points given due to lack of project highlighted		
145	Scotland County	Wagram WWTP Evaluation, Planning & Upgrade	Scotland	WK Dickson & Co., Inc.	preliminary evalua of exist inactive Wagram WWTP, pump sta., and collection system; update NCEDEQ permit.	No	At-Risk	100%	\$400,000	\$15,000,000	\$400,000				\$400,000						61	45	25	0	5	15	2.F. Points not given due to insufficient supporting documentation.		
146	Scotland County	Wagram WWTP Evaluation, Planning & Upgrade, PCPG	Scotland	WK Dickson & Co., Inc.	preliminary evalua of exist inactive Wagram WWTP, pump sta., and collection system; update NCEDEQ permit.	Yes	At-Risk	0%	\$0	\$400,000	\$15,000,000										61	45	25	0	5	15	2.F. Points not given due to insufficient supporting documentation. 2.I. Points not given due to insufficient narrative.		
147	Sparta, Town of	Sparta Wastewater Treatment Plant Upgrades	Alleghany	McGill Associates	Replace mechanical bar screen, grit removal system, and influent pump sta.; construct a dual tank SBR system to replace existing; replace chemical feed storage building; replace disinfection with UV; Upgrade telemetry; replace standby generator.	Yes	At-Risk	50%	\$5,300,000	\$10,600,000	\$10,600,000											51	45	25	0	5	15	2.I. Points not given because project does not meet the criteria for the line item. 2.N.7: Points not given because project does not meet the criteria for the line item.	
148	Spindale, Town of	Wastewater Collection System Improvements	Rutherford	Dewberry Engineers, Inc.	replace 7,500 LF pipe. Rehab 9,000 LF pipe. Rehab 60 manholes. Replace 500 LF aerial interceptor.	no	At-Risk	50%	\$2,667,190	\$5,334,380	\$5,334,380										44	45	25	0	5	15	3.A.1 CIP meeting minutes were not certified. 3.B. Gave 5 points due to data provided for OR. 4.B. Gave 6 points due to rate information used to calculate utility bill.		
149	West Jefferson, Town of	Sewer Line Improvement	Ashe	High Country Council of Governments	Rehab/replace 23,000 lf sewer lines and associated manholes and sewer services	No	At-Risk	25%	\$736,328	\$2,945,310	\$2,945,310										45	45	25	0	5	15			
150	West Jefferson, Town of	WWTP Improvement	Ashe	High Country Council of Governments	Replace mechanical bar screen, grit collector/compactor, blowers, and UV-disinfect unit; and modify two filters.	No	At-Risk	25%	\$344,575	\$1,378,300	\$1,378,300										49	45	25	0	5	15	2.N.4. No points given because project will not meet the intent of these points.		
151	Cape Fear Public Utility Authority	Allandale Septic to Sewer Project	New Hanover	Cape Fear PUA	Install of 3,430 LF of gravity sewer, 5 manholes and 65 service lines to connect disadvantaged/underserved areas	yes	At-Risk (D/U)	0%	\$0	\$1,180,362	\$1,180,362										45	45	15	15	15	0			
152	Edgecombe County	Lone Pine MHP Wastewater System Improvements	Edgecombe	The Wooten Company	Extend sanitary sewer line to 91 residences in disadvantaged/underserved areas	Yes	At-Risk (D/U)	100%	\$2,724,100	\$2,724,100	\$2,724,100										47	45	15	0	5	25	1.D. Points not awarded since 1.B points awarded.		
153	Wilson, City of	Lower Bloomery & Old Fields Outfall Sewer Proj.	Wilson	City of Wilson	Replace 19,000 gravity sewer and 43 six-foot MH's with watertight covers. Abandon exist lines. (TOT: 18,910-LF 24-IN DIP, 71-six-foot MH).	Yes	All Other	0%	\$0	\$7,649,120	\$7,344,600										45	45	12	7	15	11			
154	Hookerton, Town of	Gravity Sewer Rehabilitation and Relining	Greene	Mack Gay Associates PA	Rehab 12,000 lf sewer and 82 manholes; install cleanouts on 100 services; replace 75 services; CCTV 13,000 lf sewer.	Yes	Distressed	75%	\$1,890,221	\$2,520,294	\$2,520,294										67	44	25	3	5	11	1.D. Points not given since project is rehabilitation / replacement project. 2.E.2. Points not given due to insufficient supporting documentation.		
155	Washington, City of	Cherry Run PS & 5th St FM Replacement	Beaufort	Rivers & Associates, Inc.	Replace 6,600 lf force main and appurtenances; rehab one pump station.	No	All Other	0%	\$0	\$3,226,750	\$3,226,750										54	44	25	3	5	11	3.A.1. No points given due to lack of supporting documentation related to CIP.		
156	Washington, City of	Cherry Run PS & 5th St FM Replacement PCPG	Beaufort	Rivers & Associates Inc.	Replace 6,600 lf force main and appurtenances; rehab one pump station.	No	All Other	0%	\$0	\$250,000	\$250,000				\$250,000						54	44	25	3	5	11	3.A.1. No points given due to lack of supporting documentation related to CIP.		
157	Beech Mountain, Town of	2022 Sewer Main Improvement Project	Watauga	West Consultants, PLLC	Inspect/repair/replace 5,100 lf sewer and 25 manholes; replace 6,500 lf sewer, raise 101 manholes, repair/replace 45 manholes and spot repair sewer.	no	All Other	0%	\$0	\$2,927,400	\$2,870,000										44	44	25	0	7	12		Swap request for SRP-W-0185 (\$2,870,000)	
158	Oakboro, Town of	McCoy's Outfall Replacement	Stanly	Chambers Engineering	Replace 4,922 lf sewer and 40 manholes	Yes	All Other	0%	\$0	\$2,793,793	\$2,793,793										44	44	25	0	7	12			
159	Marshville, Town of	Collection System Rehab	Union	LXC Engineering, PLLC	Replace 2,300 lf sewer, 9 manholes and 40 services.	No	All Other	0%	\$0	\$1,173,300	\$1,173,300										59	44	25	0	5	14	2.C. No points given due to lack of supporting documentation.		
160	Southport, City of	Collection System Rehabilitation	Brunswick	McAdams & Associates LLC	Find/fix rehab 41,000 lf sewer, 240 services; pig 16,100 lf force main; conduct 30 pump station drawdowns and perform hydraulic modeling.	Yes	All Other	0%	\$0	\$9,835,000	\$9,835,000										44	44	25	0	5	14			
161	Magnolia, Town of	Sun Valley MHP Sewer Replacement	Duplin	McDavid Associates, Inc.	Replace 1,475 lf sewer, 11 manholes, pump station, 875 lf force main, standby generator, and 12 services.	Yes	At-Risk	25%	\$330,695	\$1,322,780	\$1,322,780											44	44	15	3	7	19		
162	Graham, City of	Cooper Road Pump Station	Alamance	Alley, Williams, Carmen & King, Inc.	Upsize pump station and relocate out of floodplain; upsize force main.	Yes	All Other	0%	\$0	\$3,500,000	\$3,500,000										61	44	12	18	7	7	2.E.2. No points given due to insufficient supporting documentation.		
163	Franklinville, Town of	Ogle's Creek Pump Station & Force Main Replacement	Randolph	LXC Engineering, PLLC	Relocate pump station out of 100- and 500-yr FE, and upsize pumps, add SCADA and backup generator; upsize force main.	Yes	Distressed	75%	\$1,170,000	\$1,560,000	\$1,560,000											59	44	12	8	5	19	2.C. No points given due to insufficient supporting documentation.	
164	Hot Springs, Town of	Wastewater Treatment Plant Upgrades and Expansion	Madison	McGill Associates, PA	Convert existing WWTP into equalization basin; install new WWTP.	Yes	Distressed	100%	\$4,794,000	\$4,794,400	\$4,794,000											62	44	12	6	7	19	2.C. No points given due to insufficient supporting documentation. 2.I. No points given due to insufficient supporting	
165	Shallotte, Town of	Pump Station Rehabilitation	Brunswick	Municipal Engineering	Rehab thirteen pump stations.	No	All Other	0%	\$0	\$1,800,000	\$1,800,000										37	43	25	3	5	10	4.B. 6 points given due to utility bill being incorrectly		
166	Spruce Pine, Town of	Sewer Rehabilitation	Mitchell	High Country COG	Rehab three pump stations and WWTP clarifier.	No	At-Risk	0%	\$0	\$803,620	\$803,620											43	43	25	0	7	11		
167	Fair Bluff, Town of	Regional PS & Collection System Improvements	Columbus	LXC Engineering, PLLC	Replace three pump stations in regional system, adding SCADA and generator outlet to two; rehab 15 manholes.	Yes	Distressed	100%	\$6,135,000	\$6,135,500	\$6,135,000											58	43	15	4	5	19	2.c. No points due to insufficient supporting documentation.	
168	Harrisburg, Town of	Morehead West Sewer Phase 1	Cabarrus	Town of Harrisburg	Install 4,780 lf sewer to serve new development and decommission a pump station.	Yes	All Other	0%	\$0	\$2,375,908	\$2,375,908										48	43	12	19	10	2	3.B. Points not given due to OR below 1.00 and rates/MH less than 2.5%.		
169	Clayton, Town of	Neuse River Water Reclamation Facility & ECIA Pump Station and Force Main	Johnston	WithersRavenel, Inc.	New WWTP; expand pump station; install 27,800 lf force main.	Yes	All Other	0%	\$0	\$175,100,000	\$175,100,000										43	43	12	8	15	8		Reconsideration from Fall 2021	
170	Wayne County	Executive Jetport Pump Station Improvements	Wayne	WK Dickson & Co., Inc.	Replace/rehab pump station and lines	No	At-Risk	100%	\$1,500,000	\$1,500,000	\$1,500,000										46	42	25	0	0	17	2.N.4. No points given due to insufficient supporting documentation.		
171	Rosman, Town of	WWTP Improvements	Transylvania	High Country Engineering	WWTP improvements, including new tertiary filters, equalization basin, control systems.	No	At-Risk	25%	\$693,375	\$2,773,500	\$2,773,500											57	42	15	9	5	13	2.C. No points given due to insufficient narrative.	
172	Stovall, Town of	WWTP Renovations and Improvements	Granville	McGill Associates	Replace chlorination with UV system, spray irrigation pumps; add lagoon for redundancy and maintenance.	Yes	Distressed	100%	\$4,347,890	\$4,347,890	\$4,347,890											55	42	15	3	5	19	1.C.1. No points given due to old infrastructure being less than 50% of construction costs.	
173	Claremont, City of	WW Treatment Improvements. (Funded Existing E-SRP-W-17-0105).	Catawba	City of Claremont	Decommission two WWTPs and pump to Hickory.	Yes	All Other	0%	\$0	\$8,792,900	\$6,042,900										42	42	12	3	15	12		Convert loan SRP-W-17-0105 to ARPA grant (up to \$5.0 Million grant)	
174	Graham, City of	Downtown Sewer Improvements	Alamance	Alley, Williams, Carmen & King	Replace/upsze sewer main.	Yes	All Other	0%	\$0	\$790,000	\$790,000										62	41	25	0	7	9	1.2.N.7 points are not given as aligning sewer lines is not considered as providing resiliency. 2. 2.0 points are		
175	Kingstown, Town of	Lift Station and Force Main Improvements	Cleveland	HDR Engineering, Inc. of the Carolinas	Improvements to three lift stations, and replacement of ARVs on force mains.	No	Distressed	75%	\$1,176,570	\$1,568,760	\$1,568,760											57	41	15	0	5	21	N.7. No point given since redundancy will not be provided.	

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Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Max. Eligible PF/Grant Verified (not applicable to ARPA)	Total Project Cost	Total Funding Requested	Grant from VUR (ARPA "Distressed")	Grant from State Reserve (ARPA "At-Risk")	Grant from State Reserve (ARPA "All Other Systems")	Grant from State Reserve (ARPA "Study Grants")	Grant from State Reserve (SL 2022-74)	Loan from State Reserve (non-ARPA)	CWSRF Principal Forgiveness	CWSRF Green Project Reserve	CWSRF Loan	Points Submitted by Applicant	Points Verified	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Other Considerations/Staff Notes
176	Kingstown, Town of	Macedonia Church Rd Gravity Sewer Replacement	Cleveland	West Consultants, PLLC	Replace/upsze 657 If sewer.	No	Distressed	75%	\$210,240	\$280,320	\$280,320										56	41	15	0	5	21	2.C. No points given due to insufficient narrative and insufficient supporting documentation.	
178	Trenton, Town of	2022 ARPA Sewer Improvements	Jones	McDavid Associates, Inc	Replace 11,950 If sewer and 120 services; install pump removal slide rails in RAS/WAS tank.	No	Distressed	100%	\$7,615,000	\$7,615,000	\$7,615,000										41	41	15	0	5	21		
179	Seaboard, Town of	WWTP Improvements	Northampton	Upper Coastal Plain COG	Expand WWTP, including effluent storage and spray system.	Yes	Distressed	100%	\$10,979,000	\$14,979,000	\$10,979,000										57	41	12	3	5	21	1.C. Points not given due to project being an expansion. 1.D. points given instead. 2.I. Points not given due to no supporting documentation provided.	
180	Engelhard Sanitary District	Engelhard Lagoon Closure	Hyde	Stroud Engineering, PA	Decommission failed facultative lagoon.	No	Distressed	0%	\$0	\$2,928,500	\$2,928,500										76	41	0	15	5	21	1.B. No points given due to purpose of project not meeting requirements of guidance. 2.N.1. No points given due to lack of movement from floodplain.	
181	Lexington, City of	LRWWTP Solids Handling Improvements Design & Construction	Davidson	CDM Smith	Replace solids handling equipment with new belt filter presses, including chemical feed, wet cake bins, thermal dryer and storage siloes.	No	At-Risk	0%	\$0	\$27,979,000	\$27,979,000										40	40	25	3	5	7		
182	Lexington, City of	LRWWTP Solids Handling Improvements PCPG	Davidson	CDM Smith	Replace solids handling equipment with new belt filter presses, including chemical feed, wet cake bins, thermal dryer and storage siloes.	Yes	At-Risk	0%	\$0	\$400,000	\$400,000			\$400,000							40	40	25	3	5	7		
183	Graham, City of	Hanover Rd Sewer Rehabilitation	Alamance	Alley, Williams, Carmen & King, Inc.	Rehab sewer line.	Yes	All Other	0%	\$0	\$1,000,000	\$1,000,000										59	39	25	0	7	7	2.O. Points not given due to lack of direct link between project and benefit to impairment.	
184	Graham, City of	New and Parker Street Sewer Rehabilitation	Alamance	Alley, Williams, Carmen & King, Inc.	Replace/upsze 1,400 If sewer main.	Yes	All Other	0%	\$0	\$110,000	\$1,100,000										62	39	25	0	7	7	2.N.7 no points give due to replacing aged and failure prone infrastructure in kind. Existing to be abandon.2.O minimal data provided but enough to demonstrate impaired watershed.	
185	Lenoir, City of	Lower Creek WWTP Improvements	Caldwell	McGill Associates	BNR system improvements including new diffusers, air piping, concrete repairs and electrical improvements.	No	All Other	0%	\$0	\$3,106,000	\$3,045,000										39	39	25	0	7	7		
186	High Point, City of	Upper Boulding Branch Sewer Rehab	Guilford	CDM Smith	Rehab 81,054 If sewer with some upsizing; inspect, clean, line, replace manholes.	Yes	All Other	0%	\$0	\$15,913,700	\$15,913,700										42	39	25	0	5	9	2.N.7. No points given due to lack of demonstration of increase in resiliency/redundancy.	
187	Ramseur, Town of	Sewer System Improvements	Randolph	The Wooten Company	CCTV 12,494 If, CIPP 2,499 If, and replace 9,996 If sewer; replace 51 manholes; rehab 13 manholes; replace 48 services; replace 300 If force main; replace pump station and emergency storage.	Yes	Distressed	0%	\$0	\$4,686,490	\$4,686,490										39	39	25	0	5	9		
188	Beaufort, Town of	WW PS Improvements	Carteret	Rivers & Associates, Inc.	Replace five lift stations.	No	All Other	100%	\$6,186,000	\$6,186,000	\$6,186,000										81	39	12	3	7	17	1.C. Points not given since project is expansion project. Points given for 1.D. 1.C.1. Points not given since 1.C. points not given. 1.D.1. points given instead. N.5. Points not given due to insufficient supporting documentation. 2.N.7 points given instead. 2.O. Points not given due to insufficient supporting	
189	Johnston County	Central Johnston Co. Regional WWTF Improvements	Johnston	Johnston County Public Utilities	Upgrades to WWTP including new preliminary treatment and instrumentation/controls. WWTP to be used as a regional pump station in future.	No	All Other	0%	\$0	\$10,404,000	\$10,200,000										47	38	25	0	5	8	2.N.5. No points given since project will not meet the requirements for this line item. 3.A.2 No points given to insufficient CIP narrative and matrix requirements.	
190	Mocksville, Town of	Coolleemee Force Main Replacement	Davie	Hazen & Sawyer	Replace 15,840 If sewer main.	No	At-Risk	50%	\$2,000,000	\$4,000,000	\$4,000,000										35	38	15	0	10	13	2.E.2. Points not given due to insufficient supporting documentation.	
191	Metropolitan Sewerage District	Sewer Extension Project	Buncombe	McGill Associates, PA	Install 25,950 If sewer and 101 manholes to extend sewer and decommission three private systems.	No	All Other	0%	\$0	\$12,802,000	\$12,802,000										62	38	12	21	5	0	2.O. No points given due to project being too far away from impairment. 3.A.1: No points given due to lack of sufficient CIP	
192	Nashville, Town of	SaniSew Rehab/Reline	Nash	Mack Gay and Associates	CCTV inspection and CIPP of 51,200 If sewer and 259 manholes; evaluate additional 15,000 If sewer main.	Yes	At-Risk	25%	\$1,635,456	\$6,541,825	\$6,541,825										55	36	25	0	0	11	2.N.5. No points given due to insufficient narrative and supporting documentation. 3.A.1. No points given due to insufficient narrative.	
193	Pink Hill, Town of	Pink Hill Sewer Rehabilitation	Lenoir	Stroud Engineering, PA	Rehab 34,345 If sewer with CIPP; rehab 156 manholes; raise 23 manholes.	No	Distressed	100%	\$3,387,980	\$3,387,980	\$3,387,980										41	36	25	0	0	11	3.B. No points given due to no rate information provided.	
194	Severn, Town of	Green: Stormwater Drainage Improvements	Northampton	Mack Gay Associates, PA	Restoration and stabilization of runoff channel to a more natural stream profile; install BMPs.	Yes	At-Risk	25%	\$350,894	\$1,403,575	\$1,403,575										45	36	20	0	5	11	1.F. No points given because project does not meet requirements for line item. 1.G.1. No points given because not clear that project will adhere to the Stormwater Design Manual requirements.	Stormwater Application
196	Cleveland, Town of	Cleveland WWTP Expansion and Relocation	Rowan	McGill Associates	Relocate/expand WWTP, including headworks, influent pump station, biological nutrient removal, disk filters, chemical feed, sludge digester, chlorine contact, and standby generator.	Yes	At-Risk	100%	\$15,000,000	\$15,000,000	\$15,000,000										36	36	12	6	5	13		
197	Winston-Salem, City of	Sprague Street SSES Work Package	Forsyth	Black & Veatch	Rehab 2,032 If sewer; replace/upsze 19,008 If sewer; replace 3,956 If sewer; rehab 952 manholes; repair/replace services.	No	All Other	0%	\$0	\$7,090,054	\$7,090,054										35	35	25	0	5	5		
198	Winston-Salem, City of	Washington Park SSES Work Package	Forsyth	Black & Veatch	Rehab 4,278 If and replace 40,973 If sewer, including manhole rehab.	No	All Other	0%	\$0	\$7,090,054	\$8,188,507										35	35	25	0	5	5		
199	Cape Fear Public Utility Authority	Oakley Area Septic to Sewer Project	New Hanover	Cape Fear PUA	Install 32,014 If pressure sewer main, and 222 grinder systems and low pressure services to connect area on septic systems.	Yes	At-Risk (D/U)	0%	\$0	\$10,121,411	\$10,121,411										45	35	15	15	5	0	1. 3.A. 1 points are not given because AMA is not attached with the application, narrative does not show project in the CIP. 2.E.2. Points not given due to insufficient supporting documentation. 3.A.1. Points not given due to insufficient narrative. 3.A.2. Points given since 3.A.2. requirements fulfilled.	
200	Murphy, Town of	Downtown Sewer Rehabilitation	Cherokee	Town of Murphy	Replace 5,500 If sewer and 35 manholes.	Yes	At-Risk	0%	\$0	\$2,356,738	\$2,356,738										46	35	15	0	7	13		
201	Mebane, City of	Water Resource Recovery Facility Expansion	Alamance	McGill Associates	Expand WWTP, and upgrade to biological nutrient removal. New/expanded influent pump station.	No	All Other	0%	\$0	\$51,964,000	\$47,700,000										35	35	12	14	7	2		
202	Murphy, Town of	Ice Plant Lift Station Rehabilitation	Cherokee	Town of Murphy	Replace/upsze pump station and install 1,695 If forcemain.	Yes	At-Risk	0%	\$0	\$1,494,000	\$694,900										46	35	12	3	7	13	2.E.2. Points not given due to insufficient documentation. 3.A.1. Points not given due to insufficient narrative.	
203	Warren County	Pleasant Hill Pump Station Replacement	Warren	Rivers & Associates, Inc.	Replace pump station and manhole; install new emergency generator and SCADA.	Yes	At-Risk	25%	\$38,875	\$155,500	\$155,500			\$155,500							47	34	12	0	5	17	1.C. Points not given due to insufficient documentation related to like-size replacement. 1.D. points given instead.	
204	Warren County	Pleasant Hill Pump Station Replacement	Warren	Rivers & Associates, Inc.	Replace pump station and manhole; install new emergency generator and SCADA.	Yes	At-Risk	75%	\$810,285	\$1,080,380	\$1,080,380										47	34	12	0	5	17	1.C. Points not given due to insufficient documentation related to like-size replacement. 1.D. points given instead.	

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Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Max. Eligible PF/Grant Verified (not applicable to ARPA)	Total Project Cost	Total Funding Requested	Grant from VUR (ARPA "Distressed")	Grant from State Reserve (ARPA "At-Risk")	Grant from State Reserve (ARPA "All Other Systems")	Grant from State Reserve (ARPA "Study Grants")	Grant from State Reserve (SL 2022-74)	Loan from State Reserve (non-ARPA)	CWSRF Principal Forgiveness	CWSRF Green Project Reserve	CWSRF Loan	Points Submitted by Applicant	Points Verified	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Other Considerations/Staff Notes
205	Fayetteville Public Works Commission	Rockfish Creek WRF Expansion	Cumberland	Hazen and Sawyer	Rehab/expand WWTP, including biosolids processing.	no	All Other	0%	\$0	\$81,571,320	\$74,966,000										34	34	2	6	15	11		
206	Conover, City of	North East WWTP Improvements	Catawba	WK Dickson & Co., Inc.	Preconstruction grant request for engineering and admin. costs for WWTP rehab. project	No	All Other	0%	\$0	\$400,000	\$400,000				\$400,000						43	33	15	7	7	4	1C.1. Points not given because of insufficient percentage of construction budget not for old infrastructure.	
207	Holly Springs, Town of	Utley Crk WRF Dewatering Press Improvements	Wake	The Wooten Company	Replace/upszie sludge dewatering press.	No	All Other	0%	\$0	\$408,000	\$400,000										33	33	15	3	15	0		
208	Cumberland County	Ann Street Landfill Gas Collection System	Cumberland	HDR Engineering, Inc. of the Carolinas	Upgrade landfill gas blower and moisture removal facility.	yes	Distressed	0%	\$0	\$1,750,642	\$1,750,642										37	32	25	0	0	7	2.R. Points not given because energy reduction calculations are not included in the narrative.	
209	Roxboro, City of	Marlowe Creek rehabilitation-Phase 2	Person	Alley, Williams, Carmen & King, Inc.	Rehab 3,000 lf sewer, including CIPP and manhole rehab.	Yes	Distressed	0%	\$0	\$2,000,000	\$2,000,000										62	32	15	4	2	11	1.C.1. No points given due to insufficient supporting documentation related to infrastructure age. 2.O. No points given due to insufficient documentation.	
210	NORCRESS Water & Sewer District	NORCRESS Rehab/Replc Proj.	Cumberland	Cumberland County	Rehab/replace electrical, generators, and SCADA at four lift stations; replace two lift station pumps, install new ARVs and manhole inserts; perform flow monitoring and smoke testing.	Yes	Distressed	25%	\$385,819	\$1,543,275	\$1,543,275										37	32	15	0	0	17	3.B: Points not given because Rate/MHI value calculated to be 2.23%.	
211	Contentnea Metropolitan Sewerage District	2022 Highway 11 Force Main Replacement Project	Pitt	The Wooten Company	Replace/upszie 9,000 lf force main including ARVs and appurtenances.	No	All Other	50%	\$2,700,440	\$5,508,898	\$5,400,880										32	32	12	0	5	15		
212	Mount Gilead, Town of	Wastewater Treatment Plant Upgrades	Montgomery	LKC Engineering, PLLC	Expand WWTP with new SBR reactor, upgraded headworks, influent and effluent pump stations; convert treatment unit to digester; build new blowers/blower building.	yes	At-Risk	50%	\$8,965,500	\$17,931,000	\$17,931,000										32	32	12	0	5	15		
213	Kinston, City of	Oliver Glass Sewimprv Prelim-Eng	Lenoir	The Wooten Company	Preliminary engineering: rehab/expand pump station and elevate controls above 100-yr FE; new bar screen, standby generator, and SCADA; replace and upszie forcemain and appurtenances.	Yes	All Other	25%	\$100,000	\$408,000	\$400,000				\$400,000						32	32	2	4	15	11		
214	Greenville Utility Commission	Sanitary Sewer Rehabilitation Phase V	Pitt	Greenville Utilitltes Commission	Rehab 11,238 lf sewer main and 52 manholes.	Yes	All Other	0%	\$0	\$5,662,066	\$5,551,045										51	31	15	4	5	7	1.C.1 Points not given because proof of age not supplied. 3.A.1 Points not given because narrative is insufficient	
215	Holden Beach, Town of	Vacuum Sewer PS #2 modifications	Brunswick	Green Engineering, PLLC	Elevate vacuum pumps and electrical components above 500-yr FE.	No	All Other	0%	\$0	\$4,023,490	\$4,023,490										30	30	15	4	7	4		
216	Maggie Valley, Town of	Johnathan Creek Crossing Elimination	Haywood	WithersRavenel	Replacement of sewer aerial crossing with 1,600 lf sewer without crossing; Replace/upszie 1,225 sewer.	no	All Other	0%	\$0	\$1,086,225	\$1,086,225										30	30	15	4	7	4		
217	Nashville, Town of	Stoney Creek Outfall Rehab ***PRECONSTRUCTION \$85,000***	Nash	Mack Gay and Associates	Preconstruction grant request for Stoney Creek Outfall Rehabilitation Project	Yes	At-Risk	25%	\$21,250	\$85,000	\$85,000										49	30	15	4	0	11	2.N.5: Points not given because could only claim one 2.N. line item. 3.A.1. Points not given because narrative was not sufficient.	
218	Pikeville, Town of	2022 WW Improv Proj.	Wayne	McDavid Associates, Inc	Rehab of WWTP, incl. expansion and repair of spray system, and construction of public works operation building.	no	Distressed	0%	\$0	\$9,100,000	\$9,100,000										58	30	0	0	5	25	1.C: No points given because narrative does not indicate sizing or like for like. 1.C.1: No points given because Age does meet >50% project cost. 2.E.2: No points given not clear that this pipe is cause of exceedance.	
219	Wilkesboro, Town of	Cub Creek PH-III Stream Restoration	Wilkes	BREC	Phase 3 of stream and buffer restoration, including 3,800 lf of Class C waters and installation of two stormwater BMPs.	Yes	Distressed	0%	\$0	\$1,586,400	\$1,586,400										59	29	20	0	0	9	2.O: While the project will benefit the area, proper documentation was not supplied. No points given. Cub Creek & Yadkin River are not impaired at WWTP discharge. Only further downstream towards High Rock Lake.	
220	Sanford, City of	Sanford WWTP Expansion PCPG	Lee	Hazen & Sawyer	Pre-construction study on WWTP capacity needs and alternatives.	No	At-Risk	0%	\$0	\$400,000	\$400,000				\$400,000						29	29	2	3	15	9		
221	Morganton, City of	Silver Creek Pump Station Expansion	Burke	WK Dickson & Co., Inc.	Replace/upszie pump station above 100-yr FE.	Yes	All Other	0%	\$0	\$5,310,000	\$5,310,000										28	28	12	4	5	7	Funds transfer form is signed but not dated. Correct total score is 28: Applicant narrative scored as 26. Applicant scored line item 1.D.1 as 8 points instead of 10	
222	Dobson, Town of	Ridge Rd PS & Force Main Replacement	Surry	The Lane Group, Inc.	Upgrade/upszie pump station (including new SCADA) and 4,700 lf forcemain.	Yes	At-Risk	0%	\$0	\$1,545,200	\$1,545,200										76	28	12	0	5	11	1.C. No points given to increase in capacity. Gave 1.D. points instead. 1.C.1. No points given since 1.C. points not given. Gave 1.D.1. points instead. 2.C. No points given due to lack of overflow or SS documentation.	
223	Johnston County	WWTF 4MGD Expansion	Johnston	Johnston County Public Utilities	Construct new WWTP; upgrade biosolids treatment facility.	Yes	All Other	0%	\$0	\$132,734,300	\$130,131,600										48	28	2	11	7	8	1.D.1. No pints given due to old infrastructure < 50% of construction costs. 2.I. No points given due to lack of justification in narrative. 3.A.2. No points given due to lack of documentation in narrative and CIP matrix.	
224	Albemarle, City of	US52 WTP Sludge Dewatering System	Stanly	LKC Engineering, PLLC	Install sludge dewatering facility at WTP, including pump station and electrical controls.	No	At-Risk	0%	\$0	\$5,736,000	\$5,736,000										45	27	15	0	5	7	1.C.1. No points given due to project being a new facility added to WWTP. 2.E.1. No point given because proposed project does not	
225	Bald Head Island	Bald Head Island Wastewater Treatment Plant Expansion Project	Brunswick	McKim and Creed	WWTP expansion.	yes	All Other	0%	\$0	\$12,973,895	\$12,973,895										32	27	15	0	0	12	3.B. No points given due to OR < 1.00 and rate/MHI , 2.5%.	
226	Carolina Beach, Town of	Headworks WWTF	New Hanover	Town of Carolina Beach	Replacement of headwork structure, two splitter box and misc. site grading and erosion control work	Yes	All Other	0%	\$0	\$4,520,000	\$4,520,000										66	27	12	0	5	10	1.B. No points given due to pack of narrative. 1.C. No points given due to lack of narrative. 1.C.1. No points given due to lack of narrative. 1.D.Points given based upon project description in application. 1.D.1. Points given based upon project description in application. 2.C. No points given due to lack of narrative.	
227	High Point, City of	White Mill Pump Station, Force Main Extension, and LaSalle Siphon Improvements Preliminary Engineering	Guilford	CDM Smith	Preliminary design for replacement of pump station, forcemain extension and siphon.	No	All Other	0%	\$0	\$400,000	\$400,000				\$400,000						29	26	12	0	5	9	2.N.7 points are not given because applicant is replacing suction lift pumps with submersible pumps. Narrative does not describe how it provides resiliency and redundancy.	
228	Mount Airy, City of	2022 Sewer Line Replacement	Surry	The Lane Group, Inc.	Replace/upszie 6,400 lf, and replace 24,400 sewer including manholes.	Yes	All Other	0%	\$0	\$13,332,700	\$13,332,700										84	26	12	0	5	9	1.C. No points given because project is expansion. 1.D. points given instead. 2.C. No points given due to lack of documentation. 2.O. No points given due to lack of documentation. 3.A.1. No points given due to lack of narrative as	
229	Nashville, Town of	Essex Rd and Regency Estates Sewer Ext.	Nash	Upper Coastal Plain Council of Governments	Install 3,270 lf sewer with appurtenances and manholes to connect 44 homes.	No	At-Risk	100%	\$3,799,484	\$3,799,484	\$3,799,484										56	26	2	0	7	17	1.B. No points given due to lack of commitment to connection. 1.D. points given instead. 1 2.C: No points given due to not receiving 1.B. points.	

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230	Mocksville, Town of	Southpoint Pump Station	Davie	Hazen and Sawyer	Replace/upsiz pump station, and install 3,500 forcemain.	No	At-Risk	50%	\$500,000	\$1,000,000	\$1,000,000										19	25	2	0	10	13	4.8: Points given due to calculation of rates from rate sheet.		
232	Roanoke Rapids Sanitary District	2023 Sewer System Rehabilitation Program	Halifax	PRO, Inc.	Upsize pump station with larger pumps and new 4,700 lf forcemain.	No	All Other	0%	\$0	\$2,528,210	\$2,528,210										24	24	2	3	10	9			
233	Moore's Creek Water & Sewer District	US421 Sewer Extension	Pender	McKim and Creed	Install new pump station, generator, and 28,000 forcemain.	yes	All Other	0%	\$0	\$11,708,350	\$11,708,350										23	23	0	0	5	18			
234	Harnett Regional Water	N Harnett WWTP Capacity Upgrades	Harnett	Harnett Regional Water	WWTP expansion, including new SBR and pump station, tertiary filter addition, and other upgrades.	Yes	All Other	0%	\$0	\$63,241,200	\$20,000,000										27	22	2	6	5	9	2.E.2 No points given due to lack of NOV data l 3.A.2 No points given due to lack of data.		
235	Contentnea Metropolitan Sewerage District	2022 Wastewater Treatment Plant Rerating	Pitt	The Wooten Company	Expansion of WWTP from 3.5 MGD to 4 MGD.	Yes	All Other	50%	\$2,150,660	\$4,387,620	\$4,301,320										22	22	2	0	5	15			
236	Trinity, City of	City of Trinity Lift Station and FM Regionalization.	Randolph	WithersRavenel	Upgrade/upsiz pump station and install 29,500 lf forcemain to pump to High Point instead of Thomasville.	Yes	At-Risk	75%	\$5,800,650	\$13,728,200	\$7,734,200										25	22	2	0	5	15	1.D.1. No points given due to lack of information provided. 3.B Gave points due to low OR and high rate/MHL. 4.B Changed from 6 to 8 points due to monthly bill calculation.	Replace Loan SRP-W-0196	
237	Warren County	Eatons Ferry Sewer Extension	Warren	Rivers & Associates	install three new pump stations and 41,200 lf forcemain to serve water customers in new development.	Yes	At-Risk	0%	\$0	\$4,753,900	\$4,753,900										22	22	0	0	5	17			
238	Warren County	Eatons Ferry Sewer Extension Pre-Construction Planning Grant	Warren	Rivers & Associates, Inc.	install three new pump stations and 41,200 lf forcemain to serve water customers in new development.	Yes	At-Risk	0%	\$0	\$455,000	\$455,000			\$400,000							22	22	0	0	5	17			
239	Southport, City of	Shalotte WWTP expansion	Brunswick	Mc Adams & Associates LLC	WWTP expansion as part of regional wastewater system.	Yes	All Other	0%	\$0	\$30,451,306	\$15,000,000										21	21	2	0	5	14		Funded with SRF CS370714-03	
240	Gibsonville, Town of	Highway 61 North Outfall Upgrade	Alamance/Guilford	Alley, Williams, Carmen & King, Inc.	Replace/upsiz 1,600 lf outfall and five manholes.	No	All Other	0%	\$0	\$500,000	\$500,000										36	20	2	3	7	8	1.D.1. No points given due to lack of proper documentation. 2.N.4. No points given since improper mapping		
241	Spruce Pine, Town of	Sewer Line Expansion	Mitchell	High Country COG	Replace/upsiz 10,000 lf sewer outfall.	No	At-Risk	0%	\$0	\$5,405,500	\$5,405,500										20	20	2	0	7	11			
242	OWASA	Morgan Creek Interceptor Replacement	Orange	OWASA	Replace/upsiz 2,000 lf sewer interceptor.	Yes	All Other	0%	\$0	\$1,400,000	\$1,400,000										48	18	12	0	0	6	6	2.0. No points given due to lack of direct connection between project and benefit to impaired waters. 2.P No points given due to lack of letter from PWS.	Reconsideration from Fall 2021
243	Person County	Western Sewer Expansion	Person	LaBella Associates	Install 20,300 lf parallel sewer outfall.	No	All Other	0%	\$0	\$11,088,000	\$11,088,000										18	18	2	0	5	11			
245	Warsaw, Town of	Warsaw 2022 ARPA WWTP Improvements Project	Duplin	McDavid Associates, Inc.	Expand WWTP, upgrade pump station and forcemain, install new pump station and forcemain.	No	All Other	100%	\$33,000,000	\$33,000,000	\$33,000,000											18	18	2	0	5	11		
246	Washington, City of	WWTP Expansion	Beaufort	Rivers&Associates Inc.	Increase treatment capacity and conversion of WWTP to biological nutrient removal.	Yes	All Other	0%	\$0	\$12,748,000	\$5,000,000										34	18	2	0	5	11	2.E.2: Points not given because narrative does not provide required information. 2.I: Points not given because no narrative for this item.		
247	Washington, City of	WWTP Expansion Study PCPG	Beaufort	Rivers & Associates Inc.	Pre-construction study on increasing treatment capacity and retrofitting system for biological nutrient removal.	Yes	All Other	0%	\$0	\$12,748,000	\$400,000			\$400,000							34	18	2	0	5	11	2.E.2: Points not given because narrative does not provide required information. 2.I: Points not given because no narrative for this item.		
248	Raleigh, City of	Big Branch Sanitary Sewer Improvements	Wake	Black & Veatch	Install 6,823 lf sewer and 36 manholes; rehab 1,330 lf sewer.	No	All Other	0%	\$0	\$44,295,803	\$5,000,000										42	17	12	0	5	0	0	2.C. No points given due to lack of supporting documentation.	
249	Raleigh, City of	Crabtree Interceptor Phase III	Wake	Black & Veatch	Install 16,297 lf large diameter sewer and 73 manholes; replace 221 lf water main, 415 lf storm drain, 1,360 lf connecting sewer.	No	All Other	0%	\$0	\$44,295,803	\$5,000,000										42	17	12	0	5	0	0	2.C. No points given due to lack of supporting documentation. 3.A.1. No points given due to lack of CIP resolution and board minutes.	
250	Taylortown, Town of	Sanitary Sewer Extension	Moore	LXC Engineering, PLLC	10,500 lf sewer extension to serve ~100 new connections, including 33 manholes; new generator at one pump station and new SCADA at two pump stations.	yes	Distressed	0%	\$0	\$2,175,000	\$2,175,000										47	17	2	3	0	12	1.B. No points given due to lack of supporting documentation. 2.C.: No points given due to lack of supporting documentation.		
251	Gamewell, Town of	Gamewell Heights Sewer Project	Caldwell	West Consultants, PLLC	1,300 lf sewer extension to serve failed septic systems.	No	Distressed	0%	\$0	\$610,400	\$610,400										41	13	2	0	0	11	1.B No points given due to lack of statement from registered sanitarian or licensed soil scientist. 1.D. points awarded instead of 1.B. points.		
252	Gamewell, Town of	Kincaid Hill Road Sewer Project	Caldwell	West Consultants, PLLC	2,500 lf sewer extension to serve failed septic systems.	No	Distressed	0%	\$0	\$772,600	\$772,600										41	13	2	0	0	11	1.B No points given due to lack of statement from registered sanitarian or licensed soil scientist. 1.D. points awarded instead of 1.B. points. 2.C: No points given. 2.D. points given based on project description		
253	Cumberland County	Ann Street Landfill Leachate PFAS Removal Pilot	Cumberland	HDR Engineering, Inc. of the Carolinas	PFAS removal pilot study using froth flotation on landfill leachate.	Yes	Distressed	0%	\$0	\$13,893,518	\$13,893,518										67	12	2	3	0	7	2.C No points given due to project being a pilot project 2.D No points given due to no promulgated regulations for PFAS		

Not Eligible for funding

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Max. Eligible PF/Grant Verified (not applicable to ARPA)	Total Project Cost	Total Funding Requested	Grant from VUR (ARPA "Distressed")	Grant from State Reserve (ARPA "At-Risk")	Grant from State Reserve (ARPA "All Other Systems")	Grant from State Reserve (ARPA "Study Grants")	Grant from State Reserve (SL 2022-74)	Loan from State Reserve (non-ARPA)	WWSRF Principal Forgiveness	WWSRF Green Project Reserve	WWSRF Loan	Points Submitted by Applicant	Points Verified	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Other Considerations/Staff Notes	
	Bay River Metropolitan Sewer District	Oriental WWTF Improvements	Pamlico	Stroud Engineering, PA		Yes	Distressed			\$2,639,850	\$2,639,850										41	Not Eligib	25	6	0	10		Fund Transfer not completed. Not eligible.	
	Bay River Metropolitan Sewer District	Bayboro WWTF Improvements	Pamlico	Stroud Engineering, PA		No	Distressed			\$1,340,548	\$1,340,548										41	Not Eligib	15	6	0	10		1.C.1: No points given because majority of cost is O&M, sludge removal/disposal.	Fund Transfer not completed. Not eligible.
	Hendersonville, City of	WWTP Biosolids Thermal Dryer	Henderson	City of Hendersonville		Yes	All Other			\$11,855,000	\$11,855,000										46	Not Eligib	15	3	15	5		2.I: No points because does not improve the quality of the wastewater treatment plant effluent. 2.R: No points because solar panels cost less than 50% of	Funds Transfer Certification problem: no checkboxes checked.

**Wastewater Projects -- Spring 2022 Application Funding Round
Projects Approved for Funding by the State Water Infrastructure Authority on July 14, 2022**

Funded in VUR*	
Funded in State Reserve	
Funded in VUR and CWSRF*	
Funded in State Reserve and CWSRF	
Funded in CWSRF	

*Funding from the Viable Utility Reserve contingent upon approval by the Local Government Commission.

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Max. Eligible PF/Grant Verified (not applicable to ARPA)	Total Project Cost	Total Funding Requested	Grant from VUR (ARPA "Distressed")	Grant from State Reserve (ARPA "At-Risk")	Grant from State Reserve (ARPA "All Other Systems")	Grant from State Reserve (ARPA "Study Grants")	Grant from State Reserve (SL 2022-74)	Loan from State Reserve (non-ARPA)	CWSRF Principal Forgiveness	CWSRF Green Project Reserve	CWSRF Loan	Points Submitted by Applicant	Points Verified	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Other Considerations/Staff Notes
	Bay River Metropolitan Sewer District	Arapahoe Spray Field Addition	Pamlico	Stroud Engineering, PA		No	Distressed			\$2,571,600	\$2,571,600										30	Not Eligible	2	0	0	10	1.C: Project is expansion, not replacement. 1.D points given. 2.E.1: Not documented clear demonstration of resolve.	Fund Transfer not completed. No PE seal on budget.
	Hillsborough, Town of	River Pump Station Relocation	Orange	Town of Hillsborough		No	All Other			\$8,188,821	\$8,188,821										45	Not Eligible	0	8	15	12	1.D No points given due to lack of narrative. 1.D.1 No points given percent construction cost for old infrastructure not being met. 2.N.1 No points because map provided shows out of 500 yr floodplain	No budget/seal, incomplete
	Gastonia, City of	Southeast Sewer Expansion	Gaston	LaBella Associates, PC		no	All Other			\$26,922,130	\$26,394,245										14	Not Eligible	0	0	0	0		No fund transfer certification provided

Drinking Water Projects - Spring 2022 Application Funding Round
Projects Approved for Funding by the State Water Infrastructure Authority on July 14, 2022

Funded in VUR*	
Funded in State Reserve	
Funded in VUR and DWSRF*	
Funded in State Reserve and DWSRF	
Funded in DWSRF	

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Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Max. Eligible PF/Grant Verified (not applicable to ARPA)	Total Project Cost	Total Funding Requested	Grant from VUR (ARPA "Distressed")	Grant from State Reserve (ARPA "At-Risk")	Grant from State Reserve (ARPA "All Other Systems")	Grant from State Reserve (ARPA "Study Grants")	Grant from State Reserve (SL 2022-74)	DWSRF Principal Forgiveness	DWSRF Loan	Points Submitted by Applicant	Points Verified	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Other Considerations/Staff Notes
										\$1,346,823,044	\$101,223,786	\$68,321,940	\$25,659,575	\$2,614,700	\$ 68,867,331	\$4,995,439	\$53,354,378									
1	Nash County	Northern Nash Water System Improvements-Phase 2	Nash	The Wooten Company	Extend Waterlines to interconnect Nash County area II and Northern Nash WS.	No	At Risk (D/U)	100%	\$12,775,170	\$12,775,170	\$12,775,170		\$12,775,170						68	68	25	10	8	25		
2	Wilson County - Southwest Water District	Yank Road Booster Pump Station Replacement & Town of Lucama Interconnection	Wilson	Green Engineering, PLLC	Replace booster pump station. Install a new interconnection with the Town of Lucama.	No	Distressed	0%	\$0	\$1,813,713	\$1,813,713	\$1,813,713							66	66	20	10	15	21		
3	McDowell County	Hoppy Tom Hollow Road Water Project	McDowell	McDowell County	Waterline extension to provide water to a Potentially Underserved Block Group	No	At Risk (D/U)	75%	\$611,578	\$815,437	\$815,437		\$815,437						53	63	25	10	5	23	3.C Insufficient documentation of the claim. 3.B & 4.B: Earns more points than claim (system automatically calculates) 4.C: Property Value / Capita data provided was worse than benchmark	Worse-than-benchmark Property Value per Capita datum provided by Applicant earns 2 additional 4.C points.
4	Lilesville, Town of	Phase 4 Water Improvements	Anson	Engineering Services, P.A.	Replace 14,350 LF of water lines, and elevated tank	No	Distressed	100%	\$4,537,830	\$4,537,830	\$4,537,830	\$4,537,830							63	63	20	10	10	23	4C: Points Given - updated population data	
5	McAdenville, Town of	Water System Improvements Project	Gaston	Withers Ravenel, Inc.	Replace 3,000 LF of waterline; Interconnection between the town's two systems.	yes	All Other	0%	\$0	\$3,269,750	\$3,269,750		\$3,269,750						62	62	10	23	15	14		2 applications. No indication of Town's Preference
6	Dover, Town of	Water Supply Well Improvements	Craven	McDavid Associates, Inc.	Rehabilitate two water supply wells and well houses.	Yes	Distressed	75%	\$609,525	\$812,700	\$812,700	\$812,700							64	61	20	6	12	23	3.E utility rate structure does not support points	
7	Greeneville, Town of	Hargroves Rd. & Pasture Branch Water Extension	Duplin	The Adams Company, Inc.	Install water lines for 63 new connections in underserved areas.	Yes	At Risk (D/U)	100%	\$1,300,466	\$1,300,466	\$1,300,466		\$1,300,466						58	58	25	0	10	23		
8	Peachland, Town of	Phase 1 Water Improvements	Anson	Engineering Services, PA	Replace 31,870 LF of watermain and add 2,725 LF of lines to achieve looping .	no	At-Risk	100%	\$5,709,055	\$5,709,055	\$5,709,055		\$5,709,055						61	58	20	10	7	21	3E: Flat utility rate structure 4C: Different population data used	
9	Jamesville, Town of	Water Treatment Plant Replacement	Martin	Municipal Engineering Co.	Replace filter; New treatment buildings; Standby generator.	No	At-Risk	100%	\$4,627,500	\$4,627,500	\$4,627,500		\$4,627,500						58	58	20	9	10	19		
10	Hyde County	Booster Stations Replacement, Rehab and Resiliency	Hyde	Green Engineering	Replace two booster pump stations and rehab one booster pump station.	no	Distressed	100%	\$1,444,275	\$1,402,275	\$1,444,275	\$1,444,275							58	55	20	4	12	19	2.N.7 Already earns 2.N.4 points	
11	Bertie County Water District IV	Lewiston Woodville Community Water System Replacement	Bertie	Green Engineering, PLLC	Install 163,000 LF of waterlines; standby power at 2 wells and Abandon elevated storage tank.	No	Distressed	75%	\$3,684,458	\$4,665,611	\$4,912,611	\$4,912,611							60	55	20	3	15	17	Project Purpose points limited to 20 (claimed 25).	
12	Dover, Town of	Water Line Replacement Project	Craven	McDavid Associates, Inc.	Replace 11,900 LF water lines.	Yes	Distressed	100%	\$2,452,910	\$2,452,910	\$2,452,910	\$2,452,910							58	55	20	0	12	23	3.E: Flat utility rate structure	
13	Scotland Neck, Town of	Phase 3 Water Improvements	Halifax	Engineering Services, P.A.	Replace 19,250 LF of water main; Radio read meters; New 500 kgal elevated storage tank, and new SCADA system.	No	Distressed	100%	\$7,108,650	\$7,108,650	\$7,108,650	\$7,063,608					\$45,042	\$0	54	54	20	3	10	21		ARPA Funding Cap Met
14	Robbins, Town of	Water System Improvements	Moore	The Wooten Company	Replace 11,860 LF water lines ; Replace 360 water meters.	Yes	Distressed	75%	\$3,242,696	\$4,323,594	\$4,323,594	\$4,323,594							54	54	20	0	15	19		
16	Carthage, Town of	Interconnection, Raw Water PS & Water Treatment Rehabilitation	Moore	LKC Engineering, PLLC	New interconnection with Moore County, Rehab of existing raw water pump station, and Rehab of the existing WTP.	No	At-Risk	75%	\$6,367,125	\$8,489,500	\$8,489,500		\$8,489,500						63	53	20	3	15	15	2.K.1: Insufficient documentation	
18	Hobgood, Town of	David Mayer Road Water Main Replacement	Halifax	Mack Gay and Associates	Replace 4,900 LF of waterline.	no	At-Risk	75%	\$372,443	\$496,590	\$496,590		\$496,590						62	52	20	4	5	23	One project purpose given 3.C. Insufficient documentation	
19	Sampson County	Ivanhoe Water System	Sampson	Dewberry Engineers, Inc.	Add two wells, treatment, water storage tank, backup generator, electrical and system controls, and piping, to serve a Disadvantaged/Underserved area	no	At Risk (D/U)	75%	\$9,962,250	\$13,283,000	\$13,283,000		\$13,283,000						46	51	25	4	5	17	3.B. Qualify and received points	
20	Grimesland, Town of	Grimesland Water Line Replacement Project	Pitt	Stroud Engineering, PA	Replace 11,500 LF of waterline and extend 1,130 LF to create loops (<10%), and the addition of a new generator.	No	At-Risk	100%	\$3,105,395	\$3,105,395	\$3,105,395		\$3,105,395						51	51	20	3	5	23		
21	Columbus County Water District IV	Water System Improvements - Lakeland Village Subdivision	Columbus	Green Engineering	Replace 6,000 LF of water mains along with fire hydrants, fittings and water services.	no	At-Risk	0%	\$0	\$772,198	\$772,198		\$772,198						43	51	20	0	12	19	4.B Not claimed and single utility rate used	
22	Pollockville, Town of	2022 Water System Improvements	Jones	McDavid Associates Inc.	Renovate the Water Treatment Plant; Rehabilitate 1 Well; Install backup generator.	Yes	Distressed	75%	\$2,090,633	\$2,787,510	\$2,787,510	\$2,787,510							56	51	20	0	10	21	3.A.1. Insufficient documentation 3.A.2: Insufficient documentation 3.C. Outdated documentation	
23	Pinetops, Town of	2022 Waterline Improvements	Edgecombe	The Wooten Company	Replace 41,100 LF water lines.	No	Distressed	50%	\$3,981,250	\$7,962,500	\$7,962,500	\$7,962,500							50	50	20	3	8	19		
24	Landis, Town of	Mt. Moriah Church Rd. - N. Main St. Water Line Replacements	Rowan	Municipal Engineering Co.	Replace 10,783 LF waterlines	Yes	At-Risk	75%	\$1,590,375	\$2,120,500	\$2,120,500		\$2,120,500						50	50	20	0	15	15		
25	Elm City, Town of	Drinking Water System-Rehabilitation and Improvements	Wilson	Mack Gay Associates, PA	Replace 2,500 LF waterlines and associated appurtenances	yes	Distressed	100%	\$1,734,325	\$1,734,325	\$1,734,325	\$1,734,325							64	50	20	0	5	25	2.N.5. Insufficient map and narrative 3.A.1. Insufficient narrative and documentation 3.A.2. Entire project not in CIP 3.E. Flat utility rate structure	

Drinking Water Projects - Spring 2022 Application Funding Round
Projects Approved for Funding by the State Water Infrastructure Authority on July 14, 2022

Funded in VUR*	
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Funded in State Reserve and DWSRF	
Funded in DWSRF	

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Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Max. Eligible PF/Grant Verified (not applicable to ARPA)	Total Project Cost	Total Funding Requested	Grant from VUR (ARPA "Distressed")	Grant from State Reserve (ARPA "At-Risk")	Grant from State Reserve (ARPA "All Other Systems")	Grant from State Reserve (ARPA "Study Grants")	Grant from State Reserve (SL 2022-74)	DWSRF Principal Forgiveness	DWSRF Loan	Points Submitted by Applicant	Points Verified	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Other Considerations/Staff Notes
26	Pikeville, Town of	2022 ARPA Water System Improvements	Wayne	McDavid Associates, Inc.	Install two booster pumpstations to be able to purchase water from regional partners; Replace 6,000 LF waterlines.	No	Distressed	100%	\$4,100,000	\$4,100,000	\$4,100,000	\$4,100,000							53	50	20	0	5	25	2.N.7: Not applicable 3.A.1. Insufficient CIP	
27	Whitakers, Town of	/Cast Iron Waterline Replacement	Edgecombe	Upper Coastal Plain Council of Governments	Replace 12,840 LF water line.	Yes	Distressed	100%	\$2,839,000	\$2,839,000	\$2,839,000	\$2,839,000							80	50	20	0	5	25	2.B: Insufficient documentation 3.A.1: Insufficient narrative 3.A.2: Insufficient CIP 3.D. Outdated and insufficient documentation	
28	Edgecombe County	2022 Eagles Road Water Line Extension	Edgecombe	The Wooten Company	Install water line and 20 new services to Disadvantaged Area.	Yes	At Risk (D/U)	0%	\$0	\$1,126,850	\$1,126,850		\$1,126,850						49	49	25	0	5	19	1.D. Points given for 1.B	
29	McAdenville, Town of	Water Line Rehabilitation	Gaston	WithersRavenel	Replace 6,500 LF waterline.	Yes	All Other	0%	\$0	\$3,749,048	\$3,749,048		\$1,730,250				\$2,018,798		59	49	20	10	5	14	3.A.1: Insufficient CIP	ARPA Funding Cap Met 2 applications. No indication of Town's Preference
30	Farmville, Town of	/Cast Iron Waterline Rehabilitation	Pitt	McDavid Associates, Inc.	Replace 3,300 LF waterlines and rehabilitate 5,000 LF waterlines.	Yes	At-Risk	75%	\$1,840,500	\$2,454,000	\$2,454,000		\$2,454,000						54	49	20	0	10	19	3.A.1: Insufficient narrative 3.D: No Hidden leak Protection program	
31	Magnolia, Town of	Water Line Replacement Project	Duplin	McDavid Associates, Inc.	Replace 13,600 LF of water lines.	yes	At-Risk	25%	\$421,745	\$1,686,980	\$1,686,980		\$1,686,980						71	49	20	0	10	19	2.B: Insufficient narrative 3.A.1. Insufficient CIP	
32	Magnolia, Town of	Well Generator Project	Duplin	McDavid Associates, Inc.	Replace stand-by power generator.	yes	At-Risk	25%	\$35,719	\$142,875	\$142,875		\$142,875						54	49	20	0	10	19	2.N.7: Not applicable 3.A.1. Insufficient CIP	
33	Rhodhiss, Town of	2022 Bridge Water Line Replacement Project	Burke-Caldwell	West Consultants PLLC	Replace the existing water line and install a pressure reducing valve vault	No	At-Risk	75%	\$457,500	\$610,000	\$610,000					\$610,000			56	48	20	0	7	21	3.A.1: 4 key areas not discussed, 3A2 given instead.	
35	Beulaville, Town of	2022 Water System Improvements	Duplin	McDavid Associates, Inc.	Replace ~15,100 LF waterlines.	Yes	At-Risk	75%	\$2,595,000	\$3,460,000	\$3,460,000					\$3,460,000			48	48	20	0	5	23		
36	Hertford, Town of	Hertford Water Line Replacement	Perquimans	Withers Ravenel	Replace ~16,005 LF water mains and 320 lead goosenecks	yes	Distressed	100%	\$9,095,850	\$9,095,850	\$9,095,850	\$9,095,850							58	48	20	0	5	23	2.D: Insufficient documentation	
37	Greenevers, Town of	Well Generators	Duplin	The Adams Company, Inc.	Install two generators. One is a replacement and one is an addition.	Yes	Distressed	100%	\$327,880	\$327,880	\$327,880	\$327,880							56	48	12	3	10	23	1.C.1. Insufficient documentation	
94	Sanford, City of	Sanford Water Filtration Facility (WFF) Expansion	Lee	Hazen & Sawyer	Expand WTF to 30 MGD (funding also coming from Fuquay Varina and Holly Springs).	Yes	At-Risk	50%	\$43,630,000	\$168,920,000	\$87,260,000						\$4,200,000	\$15,800,000	55	48	10	16	15	7	2.H.3. Insufficient Documentation	ARPA Funding Cap Met.
38	Burnsville, Town of	Bolens Creek Raw Water Lines and Cane River Intake Improvements	Yancey	High Country Council of Governments	Replace ~15,300 LF water main, new pumps and intake screen, and upgrade of the electrical system.	No	At-Risk	0%	\$0	\$2,221,191	\$2,221,191		\$2,221,191						47	47	20	3	15	9		
39	Burnsville, Town of	Main Street, Bennett Street, and Glendale Avenue Waterline Improvements	Yancey	High Country Council of Governments	Replace waterlines	no	At-Risk	25%	\$1,462,382	\$5,849,527	\$5,849,527		\$5,849,527						47	47	20	3	15	9		
40	Sims, Town of	Elevated Storage Tank Rehabilitation	Wilson	Green Engineering, PLLC	Rehab of the 75,000 gallon elevated water storage tank with SCADA and standby power.	No	At-Risk	25%	\$73,671	\$294,684	\$294,684					\$294,684			47	47	20	3	7	17		
41	Roseboro, Town of	2022 Water System Improvements	Sampson	The Wooten Company	Rehabilitate Well; Replace 2,000 LF waterline	Yes	At-Risk	0%	\$0	\$2,536,000	\$2,536,000					\$2,536,000			46	46	20	3	8	15		
42	Wilson, City of	Phase II Waterline Replacement	Wilson	City of Wilson	Replace 6,900 LF waterline.	No	All Other	0%	\$0	\$3,723,080	\$3,723,080			\$3,723,080					46	46	20	0	15	11		
43	Robersonville, Town of	Water System Improvements	Martin	Municipal Engineering Co.	Replace and abandon ~10,500 LF water lines.	Yes	Distressed	100%	\$506,765	\$506,765	\$506,765	\$506,765							46	46	20	0	5	21		
44	Beech Mountain, Town of	2022 Water System Rehabilitation Project	Watauga	West Consultants, PLLC	Replace 22,700 LF waterlines	no	All Other	0%	\$0	\$4,058,480	\$4,058,480		\$4,000,000				\$58,480		45	45	20	3	10	12		ARPA Funding Cap Met Swap request for WIF-2023
45	Fuquay-Varina, Town of	Sanford WTP Expansion	Wake	Hazen & Sawyer	Expand Sanford WTP to provide 6 MGD to the Town of Fuquay-Varina and 4 MGD to Holly Springs	No	All Other	0%	\$0	\$168,920,000	\$48,980,000		\$9,000,000				\$20,000,000		52	45	10	16	15	4	2.H.3: Insufficient Documentation	ARPA Regionalization Funding Cap Met (60% Fuquay, 40% Holly Springs) Regionalization project eligible for up to \$15 million in ARPA "All Other" funding
46	Lillington, City of	2022 Water System Improvements	Harnett	Town of Lillington	Various waterline replacements	Yes	At-Risk	0%	\$0	\$5,747,500	\$5,747,500								44	44	20	0	15	9		ARPA Funding Cap would be exceeded with min requested grant funds. Bypassed because insufficient grant funds available to meet min project needs
47	Burnsville, Town of	Burnsville Water Treatment Plant Improvement Project	Yancey	High Country Council of Governments	Redirect WTP solids to WW collection system to eliminate NPDES discharge; and various WTP improvements.	Yes	At-Risk	0%	\$0	\$456,900	\$1,345,706		\$1,345,706						44	44	20	0	15	9		
48	Laurinburg, City of	Distribution System Improvements Phase 2	Scotland	Willis Engineers, Inc.	Replace 11,800LF water main.	No	All Other	0%	\$0	\$7,150,000	\$7,150,000						\$7,150,000		44	44	20	0	15	9		ARPA Funding Cap Met

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49	Haw River, Town of	Small Waterline Replacement	Alamance	Alley, Williams, Carmen & King, Inc.	Replace 10,200 LF of waterlines; 14 fire hydrants	yes	At-Risk	50%	\$1,750,000	\$3,500,000	\$3,500,000					\$3,500,000			64	44	20	0	7	17	Points given for 1.C and 1.C.1 not 1.D and 1.D.1 2.D: Insufficient documentation 2.G: Incorrect pressure loss method used and data outside project area	
50	Sims, Town of	Well 3 Rehabilitation	Wilson	Green Engineering, PLLC	Replace pumping equipment, controls, valves, chemical feed, and add SCADA to well	No	At-Risk	25%	\$96,260	\$294,684	\$385,041					\$385,041			44	44	20	0	7	17		
51	Candor, Town of	2022 Water System Improvements	Montgomery	The Wooten Company	Replace ~12,970 LF waterlines and associated appurtenances.	yes	At-Risk	50%	\$1,764,090	\$3,528,180	\$3,528,180					\$3,528,180			44	44	20	0	5	19		
52	Columbia, Town of	2022 ARPA Water System Improvement Project	Tyrell	McDavid Associates, Inc.	Replace ~29,800 LF waterlines and associated appurtenances; Replace filter media at the WTP.	No	At-Risk	75%	\$4,597,500	\$6,130,000	\$6,130,000					\$6,130,000			44	44	20	0	5	19		
53	Ocracoke Sanitary District	Water Tank Replacement	Hyde	Municipal Engineering Co.	Replace elevated water tank, 48 fire hydrants and 20 flushing hydrants.	Yes	At-Risk	100%	\$5,603,000	\$5,603,000	\$5,603,000					\$5,603,000			39	44	20	0	5	19	3.C: Outdated documentation 4.B: Single rate used instead of combined	
54	Pittsboro, Town of	Water Treatment Plant Addition	Chatham	CDM Smith	Install a new 2 train Ultraviolet-Advanced Oxidation Process to treat 1.4 Dioxane in source water.	no	All Other	0%	\$0	\$11,636,000	\$11,636,000		\$550,000						49	44	12	10	8	14	2.E.1: Incorrect documentation	ARPA Funding Cap Met. Insufficient DWSRF loans available to fund remainder.
55	Bolton, Town of	2022 ARPA Water System Improvements Project	Columbus	McDavid Associates, Inc.	Replace (2) well buildings; Upgrade the chemical feed system and chlorine safety equipment; Rehab elevated storage.	No	Distressed	50%	\$1,615,000	\$3,230,000	\$3,230,000	\$3,230,000							43	43	20	3	5	15		
56	Brevard, Town of	Brevard WTP Improvements	Transylvania	Brown Consultants	Replace: clear well, transfer pumps, finish water pumps, backwash pumps, generator, and electrical controls.	Yes	At-Risk	75%	\$3,696,750	\$4,929,000	\$4,929,000					\$4,929,000			65	43	20	3	5	15	2.B: Project does not address public health 3.A.2: Insufficient documentation	
57	Edenton, Town of	Two New Water Wells	Chowan	Stroud Engineering, PA	Install two new wells to replace three failed wells; Raw water lines; Gas powered generator and SCADA controls.	No	Distressed	25%	\$1,119,931	\$4,479,725	\$4,479,725	\$4,479,725							43	43	20	3	5	15		
58	Parkton, Town of	Well Replacement Project	Robeson	Mc Gill Associates	Construct a new well to replace a contaminated off-line Well.	Yes	At-Risk	50%	\$598,125	\$1,196,250	\$1,196,250					\$1,196,250			56	43	12	3	7	21	2H2: Insufficient narrative and documentation 3.E: Flat utility rate structure	
59	Asheville, City of	Mills River WTP Phase II Rehabilitation Project	Buncombe	WK Dickson & Co., Inc.	Rehab 7.5-MGD Mills River Treatment Plant with no expansion	Yes	All Other	0%	\$0	\$17,550,000	\$17,550,000					\$5,000,000			44	42	20	6	10	6	3.A.2: Insufficient CIP	ARPA Funding Cap Met. Insufficient DWSRF loans available to fund remainder.
60	Highlands, Town of	Dog Mountain Road Water System Improvement Project	Macon	Withers Ravenel, Inc.	Replace storage tank and booster pumps; Replace 7,797 LF water line.	No	All Other	0%	\$0	\$3,386,495	\$3,386,495		\$3,386,495						42	42	20	3	15	4		
61	Greenville Utilities Commission	GUC Watermain Rehabilitation (Phase III)	Pitt	Greenville Utilities Commission	Rehab/replace 12,000 LF water main.	Yes	All Other	0%	\$0	\$6,037,826	\$5,919,438					\$5,000,000			42	42	20	0	15	7		ARPA Funding Cap Met. Insufficient DWSRF loans available to fund remainder.
62	Andrews, Town of	Town of Andrews Water Line Replacement	Cherokee	McGill Associates	Replace 4,400 LF transmission main.	Yes	Distressed	25%	\$520,075	\$2,080,300	\$2,080,300					\$1,829,903	\$250,397	\$0	45	42	20	0	7	15	2.J: Insufficient documentation 3.A.1: Insufficient narrative	ARPA Funding Cap Met
63	Ellerbe, Town of	Main Street/US 220 Waterline Replacement	Richmond	LKC Engineering, PLLC	Replace 6,520 LF waterline; Connect the two subsystems in the town.	yes	Distressed	25%	\$870,250	\$3,481,000	\$3,481,000	\$3,481,000							42	42	20	0	7	15		
64	Ahoskie, Town of	Water System Rehabilitation	Hertford	McAdams & Associates, LLC	Replace 19,500 LF of water lines.	Yes	At-Risk	50%	\$2,097,950	\$4,195,900	\$4,195,900					\$4,195,900			45	42	20	0	5	17	3.E: Flat utility rate structure	
65	Ayden, Town of	Cannon Street Waterline Replacement	Pitt	McDavid Associates, Inc.	Replace 2,600 LF waterlines.	No	At-Risk	50%	\$453,000	\$906,000	\$906,000					\$906,000			72	42	20	0	5	17	2.B: Insufficient documentation 3.A.1: Insufficient narrative 3.A.2: Insufficient documentation 3.D: Insufficient documentation 3.E: Flat utility rate structure	
66	Jonesville, Town of	AMR Meters/Waterline Replacement	Yadkin	The Wooten Company	Replace 7,100 LF waterlines and associated service lines and meters.	Yes	Distressed	75%	\$5,209,725	\$6,946,300	\$6,946,300	\$6,946,300							65	42	20	0	5	17	3A1 and 3A2: Incomplete CIP 2G: Insufficient narrative 2J: Insufficient narrative 3C: Outdated documentation	
67	Jonesville, Town of	WTP Filter and Clearwell Replacement	Yadkin	The Wooten Company	Replace 1MGD filters and 200,000 gallons clear well.	Yes	Distressed	75%	\$6,011,400	\$8,015,200	\$8,015,200	\$8,015,200							58	42	20	0	5	17	2I: Not applicable 3.A.1 and 3.A.2: Incomplete AMP & CIP 2G: Insufficient narrative and documentation 2J: Insufficient narrative and documentation 3C: Outdated documentation	

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68	Jonesville, Town of	Elevated Tank Replacement	Yadkin	The Wooten Company	Replace two elevated water tanks.	Yes	Distressed	75%	\$6,620,325	\$8,827,100	\$8,827,100						\$500,000	\$8,327,100	87	42	20	0	5	17	2.B: Insufficient documentation to earn these and associated points under 2H or 2I 3.A.1: Insufficient AMP 3.A.2: Insufficient CIP 2.G: Insufficient narrative, documentation and map 2.J: Insufficient documentation and narrative 3.C: Outdated documentation 2.H.3: Insufficient narrative	ARPA Funding Cap Met	
69	Red Springs, Town of	Red Springs water Distribution System Rehabilitation	Robeson	WithersRavenel, Inc.	Replace 13,000 LF waterlines.	yes	At-Risk	25%	\$1,795,343	\$7,181,373	\$7,181,373					\$7,181,373			44	41	20	0	10	11	2.N.7: Not applicable		
70	Holly Springs, Town of	Sanford Water Filtration Facility (WFF) Expansion	Wake	Hazen & Sawyer	Expand the Water Treatment Facility from 12 MGD to 30 MGD.	No	All Other	0%	\$0	\$168,920,000	\$32,690,000					\$6,000,000			48	41	10	16	15	0	2.H.3: Insufficient Documentation	ARPA Regionalization Funding Cap Met (60% Fuquay, 40% Holly Springs)	
71	Chowan County	Reverse Osmosis Water Treatment Plant	Chowan	Rivers & Associates	Pre-construction planning for 4 MGD a regional RO water treatment plant and a 5-MGD groundwater well system.	No	All Other	25%	\$100,000	\$2,064,000	\$400,000			\$400,000					85	41	10	11	5	15	1.C & 1.C.1: Points given for 1.D and 1.D.1 instead 2.B: Not applicable 2.F: No merger 2.J: Not applicable 2.K.2: Insufficient narrative and documentation 3.A.1: Insufficient narrative 3.A.2: Insufficient CIP and documentation 3.D: Insufficient documentation		
72	Tyrrell County	Gum Neck Elevated Storage Tank and BPS	Tyrrell	LKC Engineering, PLLC	Construct 100,000 gallon elevated storage tank and booster pump station.	No	At-Risk	100%	\$2,452,000	\$2,452,000	\$2,452,000					\$2,452,000			44	41	2	13	5	21	3.E. Insufficient rate structure		
73	Cape Fear Public Utility Authority	Allandale Area Water Project	New Hanover	Cape Fear PUA	Extend 4,075 feet of watermains to connect 61 residences in underserved areas.	yes	At Risk (D/U)	0%	\$0	\$1,289,109	\$1,289,109								60	40	25	0	15	0	2.B: Insufficient documentation	ARPA Funding Cap Met	
74	Cape Fear Public Utility Authority	Oakley Area Water Project	New Hanover	Cape Fear PUA	Extend 8,868 ft of watermains to connect 222 residents in an underserved area.	yes	At Risk (D/U)	0%	\$0	\$3,623,821	\$3,623,821								60	40	25	0	15	0	2.B: Insufficient documentation	ARPA Funding Cap Met	
75	Tuckaseegee Water and Sewer Authority (TWSA)	Water Treatment Plant-Clearwell and High Service Pump Replacement	Jackson	McGill Associates	Replace existing clear well and high service pumps; Install redundant transmission line.	Yes	All Other	0%	\$0	\$4,130,000	\$4,130,000					\$4,130,000			42	40	20	6	5	9	3.A.2: Insufficient documentation		
76	Ramseur, Town of	Water System Improvements	Randolph	The Wooten Company	Replace 27, 500 LF of water lines; Add a new chlorine booster facility; Rehab WTF filter system.	yes	Distressed	0%	\$0	\$6,811,930	\$6,811,930	\$6,811,930								40	40	20	3	8	9		
77	Snow Hill, Town of	Water System Rehabilitation Project for Well Four	Greene	Green Engineering	Rehabilitate pump station with standby power and controls to add flood resiliency .	no	Distressed	25%	\$134,000	\$536,000	\$536,000	\$536,000								52	40	12	3	12	13	1.C.1: Infrastructure not old 2.N.5: No map to support photos	
78	Hertford, Town of	Hertford Water Treatment System Improvements	Perquimans	Withers Ravenel	Rehabilitate Well #3; Improve treatment processes.	yes	Distressed	100%	\$2,153,950	\$2,153,950	\$2,153,950	\$2,153,950								56	40	12	0	5	23	2.D: Insufficient documentation 2.E.2: Not applicable documentation 2.N.7: Not applicable	
79	Winston-Salem, City of	Nelson WTP Modernization	Forsyth	Black & Veatch	Additional funding request for "Upgrade WTP" SRF project. \$100 M previously awarded.	No	All Other	0%	\$0	\$12,187,000	\$21,870,000								39	39	20	6	8	5	Claimed & received same points as previous application	This project is funded by \$100 million loan from WIF1937	
80	Asheville, City of	Nork Fork & DeBruhl WTP Filter Rehabilitation Project	Buncombe	WK Dickson & Co., Inc.	Rehab filters at both the Nork Fork and the DeBruhl water treatment plants.	yes	All Other	0%	\$0	\$5,447,925	\$5,447,925								44	39	20	3	10	6	2.E.2: Insufficient documentation 3.A.2: Insufficient CIP		
81	Asheville, City of	North Fork & DeBruhl Water Treatment Plants - Conventional Treatment Upgrades	Buncombe	WK Dickson & Co, Inc.	Pre-construction planning for upgrades to two water treatment plants.	Yes	All Other	0%	\$0	\$400,000	\$400,000			\$400,000					47	39	20	3	10	6	2.E.2: Insufficient documentation 2.N.7: Insufficient narrative and documentation 3.A.2: Insufficient CIP		
82	Murphy, Town of	Downtown Water Rehab Project	Cherokee	Town of Murphy	Replace 6,000 LF water lines.	Yes	All Other	0%	\$0	\$2,313,001	\$2,313,001								47	39	20	3	7	9	3.A.1: Insufficient narrative 3.D: Insufficient documentation 3.E: Flat utility rate structure		
83	Hamlet, Town of	Water System Improvements	Richmond	LKC Engineering, PLLC	Replace 4,200 LF water main; Upgrades to Water Treatment Plant including SCADA.	No	At-Risk	0%	\$0	\$10,190,800	\$10,190,800								49	39	20	3	5	11	3.A.1: Insufficient CIP		
84	Highlands, Town of	Refurbishment of IPS and Pre-Clarifier Storage Tank	Macon	WithersRavenel, Inc.	Replace pump station and backwash pumps; Replace pre-clarifier storage tank.	no	All Other	0%	\$0	\$4,749,010	\$4,749,010								39	39	20	0	15	4			

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85	Pine Knoll Shores, Town of	Water Main (Various Streets)	Carteret	Colliers Engineering & Design	Replace water lines throughout the town.	No	All Other	0%	\$0	\$7,321,147	\$7,321,147								39	39	20	0	15	4	3.D: Insufficient documentation 3.E: Utility rate structure	
86	Roanoke Rapids Sanitary District	2023 Water Main Replacement Program	Halifax	Hazen and Sawyer	Replace or rehab of 26,324 LF waterlines, 147 valves and 47 hydrants.	no	All Other	0%	\$0	\$4,956,124	\$4,956,124								39	39	20	0	10	9		
87	Nags Head, Town of	Asbestos Cement Pipe Replacement	Dare	McAdams	Replace 11,300 LF waterlines.	no	All Other	0%	\$0	\$2,196,806	\$2,196,806								41	39	20	0	5	14	3.A.2: Insufficient documentation	
88	Columbus County	2022 Emergency Water System Improvements	Columbus	The Wooten Company	Install 19,650 LF water main, a new booster pump station building, and new master meter.	No	At-Risk	0%	\$0	\$4,945,325	\$4,945,325								41	39	0	10	10	19	1.D: Not applicable	
89	Thomasville, City of	2021 Water Line Projects	Davidson	LaBella Associates	Replace 20,600 LF of waterlines.	No	All Other	25%	\$1,986,059	\$7,799,863	\$7,944,236								38	38	20	0	7	11		
90	Spruce Pine, Town of	Water Infrastructure Rehabilitation & Replacement	Mitchell	High Country Council of Governments	Replace 28,200 LF of waterlines; Rehab McHone Water Pump Station.	No	At-Risk	0%	\$0	\$8,389,800	\$7,145,550								41	38	20	0	7	11	3.E: The rate structure does not qualify	
91	Faison, Town of	2022 Undersized and Pipe Replacement Project Name:	Duplin	The Adams Company, Inc.	Replace 22,800 LF waterlines.	No	At-Risk	25%	\$795,850	\$3,183,400	\$3,183,400								38	38	20	0	5	13		
92	Ranlo, Town of	Waterline Replacement	Gaston	The Wooten Company	Replace 12,800 LF waterlines and associated improvements.	No	At-Risk	50%	\$1,938,000	\$3,876,000	\$3,876,000								46	38	20	0	5	13	2.J: Insufficient documentation 3.D: Water loss not in range	
93	Yanceyville, Town of	Water Treatment Plant Rehabilitation Raw water	Caswell	Alley, Williams, Carmen & King, Inc.	Replace old pumps, valves, etc.; New lab equipment; new carbon system and hypochlorite conversion system.	Yes	At-Risk	0%	\$0	\$1,325,000	\$2,750,000								40	38	20	0	5	13	3.A.2: Project not identified in CIP	Reconsideration from Fall 2021
95	Hillsborough, Town of	OWASA Interconnection Booster Pump Station	Orange	Town of Hillsborough	Construct a new booster pump station on an existing interconnection for the Town of Hillsborough and Orange Water and Sewer Authority.	no	All Other	0%	\$0	\$1,684,683	\$1,684,683								48	38	10	3	15	10	2.K.2. Insufficient maps	
96	Middlesex, Town of	Booster Pump Station & Drinking Water Improvements	Nash	Mack Gay and Associates	Install a pumpstation and 600 LF for looping; Replace 10,500 LF of water line.	no	Distressed	75%	\$1,264,097	\$1,685,463	\$1,685,463	\$1,685,463							74	38	10	0	5	23	1.C/1.C.1 . Points given for 1.D/1.D.1 instead 2.G. insufficient documentations of low pressures. 2.N.7. New equipment with backup power does not qualify for points. 3.A.2. No CIP submitted. 3.C. No letter is provided. 4.C. Town scored 5/5 LGU indicators.	
97	Walstonburg, Town of	Water System Improvements	Greene	Draper Aden Associates	Replace water lines, valves, fire hydrants, and aging meters.	Yes	Distressed	100%	\$1,926,347	\$1,911,347	\$1,926,347	\$1,926,347							54	38	10	0	5	23	1.C: Insufficient narrative and documentation 1.C.1: Didn't earn 1C 1.D.1 earned 2.N.7: Not applicable 3.E: Flat utility rate structure	
98	Wilson County - Southwest Water District	Buckhorn Pressure Zone - Water System Extensions	Wilson	Green Engineering, PLLC	Provide new water lines and services to add 221 new connections.	No	Distressed	0%	\$0	\$5,242,800	\$5,242,800	\$5,242,800							38	38	2	0	15	21		
100	Drexel, Town of	Drexel Water System Improvements	Burke	McGill Associates	Replace 14,200 LF waterline, 151 service connections, a pump station and 50,000 gallon reservoir outside the flood zone.	Yes	At-Risk	0%	\$0	\$6,747,800	\$6,747,800								60	37	20	8	0	9	2.D: Insufficient documentation 2.H.2: Insufficient documentation 2.N.7. Earned 2.N.1 points instead	
101	Cleveland County Water	Flocculation and Sedimentation Improvements	Cleveland	Willis Engineers, Inc.	Construction of two new flocculators and two new rapid mix basins.	No	All Other	0%	\$0	\$4,290,000	\$4,290,000								37	37	20	3	7	7		
102	Wallace, Town of	Water System Control Upgrade	Duplin	Stroud Engineering, PA	Install remote read flow meters, interconnected to a SCADA system, at 7 existing wells, install 3 emergency generators at 3 well sites and hookups for portable generators at 4 sites.	No	At-Risk	0%	\$0	\$856,400	\$856,400								42	37	20	3	5	9	3.C: Outdated documentation	
103	Wallace, Town of	Well 14 Replacement	Duplin	Stroud Engineering, PA	Replace Well and add new electrical controls, generator and SCADA system.	No	At-Risk	0%	\$0	\$723,800	\$723,800								42	37	20	3	5	9	3.C: Outdated documentation	
104	Southern Pines, Town of	Southern Pines WTP Modernization Phase 2	Moore	LKC Engineering PLLC	Upgrade filter backwash system, chlorine disinfection system and add mechanical dewatering facility.	No	All Other	0%	\$0	\$5,173,000	\$5,173,000								37	37	20	0	15	2		
105	Graham, City of	Small Water Line Replacements	Alamance	Alley, Williams, Carmen & King, Inc.	Install 4,300 LF of water line and connect all existing services to the new line.	Yes	All Other	0%	\$0	\$1,000,000	\$1,000,000								50	37	20	0	10	7	2.D: Insufficient documentation 2.J: New infrastructure with no breaks Category 3: Incorrect math results	

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Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Max. Eligible PF/Grant Verified (not applicable to ARPA)	Total Project Cost	Total Funding Requested	Grant from VUR (ARPA "Distressed")	Grant from State Reserve (ARPA "At-Risk")	Grant from State Reserve (ARPA "All Other Systems")	Grant from State Reserve (ARPA "Study Grants")	Grant from State Reserve (SL 2022-74)	DWSRF Principal Forgiveness	DWSRF Loan	Points Submitted by Applicant	Points Verified	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Other Considerations/Staff Notes
106	Sampson County	Faison Highway Iron & Manganese Treatment System & Raw Water Main	Sampson	Dewberry Engineers, Inc.	Install two Iron and Manganese Treatment Vessels, two 10,000 gallon HDPE sludge storage tanks, and 4,100 LF of water main.	no	All Other	75%	\$1,216,579	\$2,635,355	\$1,622,105								32	37	12	3	5	17	3.B: Qualified for points	requested swap for WIF-1962/H-SRP-D-17-0014
107	Gray's Creek Water and Sewer District	Gray's Creek Water Extension	Cumberland	Cumberland County	Extend waterlines to serve 1,028 residences and two elementary schools.	Yes	Distressed	0%	\$0	\$27,866,800	\$15,000,000								90	37	0	7	5	25	1.B: Insufficient documentation 2.B: Not applicable for project type 2.K.1 Insufficient narrative and documentation	Grays Creek W&SD is in Cumberland County
108	Burgaw, Town of	Water Distribution System Rehabilitation Project	Pender	McKim & Creed, Inc.	Replace 23,200 LF water lines.	No	At-Risk	0%	\$0	\$3,271,044	\$3,271,044								36	36	20	0	5	11		
109	Roxboro, City of	Water Treatment Lab	Person	Alley, Williams, Carmen & King, Inc.	Construct a new lab and office space at the WTP.	no	Distressed	0%	\$0	\$2,000,000	\$2,000,000								56	36	20	0	5	11	2B: Didn't earn 2H or 2I, so did not qualify for 2B 2.1: Benefit doesn't match purpose 3.A.2: Insufficient documentation 3B: Eligible for points	
110	Stokes County	Danbury Water Main Replacement	Stokes	LKC Engineering, PLLC	Replace 16,200 LF of water main.	No	At-Risk	100%	\$5,784,300	\$5,784,300	\$5,784,300								36	36	20	0	5	11		
111	Franklin, Town of	Phase II Water Treatment Plant Improvements	Macon	WithersRavenel	Additional funds for 2021 project (WIF-2028) to expand WTP from 2 to 4 MGD.	No	All Other	0%	\$0	\$13,856,600	\$4,697,600								39	36	10	4	15	7	2.E.2: Not applicable for project purpose	
112	Weldon, Town of	Water Plant Replacement & Rehabilitation	Halifax	Green Engineering	Improve WTP and connect with Roanoke rapids sanitary district.	no	At-Risk	0%	\$0	\$10,887,967	\$10,887,967								56	36	0	16	7	13	1C, 1C1: Not applicable for scope of work 1C1: Insufficient documentation and narrative	
113	Chadbourne, Town of	2022 Water Distribution System Improvements	Columbus	LKC Engineering, PLLC	Replace 2,025 LF of waterlines; Rehab two wells and one EST; Retrofit AMR system.	No	At-Risk	0%	\$0	\$3,574,000	\$3,574,000								56	36	0	0	15	21	1.C / 1.C.1: Retrofitting of all Town's meters from an AMR system to an AMI system.	Water meter replacement outside of project area
114	Albemarle, City of	Old Whitney Raw Water Main	Stanly	LKC Engineering, PLLC	Expand 40,000 LF of raw watermain; Add a backup generator.	Yes	At-Risk	0%	\$0	\$28,048,000	\$28,048,000								45	35	20	3	5	7	2.K.2: Insufficient documentation / map / narrative	
115	Taylortown, Town of	Well Rehabilitation and Water System Improvements	Moore	LKC Engineering, PLLC	Rehab of six wells; Replace 47,500 LF of waterlines and 75,000 gallon Elevated Storage Tank.	yes	Distressed	0%	\$0	\$2,975,000	\$2,975,000								60	35	20	3	0	12	2.B: Not applicable for purpose K.3: No interconnection	meter replacement for entire town lost project purpose
116	Cape Fear Public Utility Authority	Replacement of Water Mains, Valves and water services on S 5th Ave.	New Hanover	Cape Fear PUA	Replace 9,820 LF of Watermains and 160 services.	yes	All Other	0%	\$0	\$2,265,000	\$2,265,000								45	35	20	0	15	0	2D: Insufficient documentation 3.A.2: No applicable	
117	Oakboro, Town of	South Oakboro Waterline Replacement	Stanly	Chambers Engineering	Replace 12,865 LF of waterlines in downtown Oakboro.	No	All Other	0%	\$0	\$2,489,450	\$2,489,450								56	35	20	0	7	8	2.G: Insufficient documentation and map 2.J: Insufficient documentation 3.C: Outdated documentation 3.E: Flat rate structure	
118	Marshville, Town of	Water System Improvements	Union	LKC Engineering, PLLC	Replace 11,000 LF of water lines.	No	All Other	0%	\$0	\$3,815,000	\$3,815,000								45	35	20	0	5	10	2.G. insufficient documentation	
119	Junaluska Sanitary District	Oak Park Water Line Replacement	Haywood	Brown Consultants	Additional funds for WIF-2035 to replace 15,500 LF undersized water lines.	Yes	At-Risk	75%	\$373,688	\$4,459,566	\$498,250								42	35	20	0	0	15	3.A.2: Not in CIP 3.B: verified Operating ratio is <1.00 and the unit cost is <2.5% of MHI.	
120	Pembroke, Town of	2022 Drinking Water System Improvements	Robeson	The Wooten Company	Replace 30,900 LF watermain.	Yes	At-Risk	0%	\$0	\$4,199,905	\$4,199,905								45	35	20	0	0	15	3.A.1: insufficient CIP	
121	Atlantic Beach, Town of	Ammonia Injection Facilities at Water Treatment Plant	Carteret	Municipal Engineering Co.	Install ammonia injection system to reduce DBPs in drinking water.	No	All Other	0%	\$0	\$501,000	\$501,000								40	35	12	3	5	15	1C1: Unclear on all components 4B: Qualified for points. 2E1. Insufficient narrative and documentation	
122	Franklin County	New Mays Crossroads Elevated Tank	Franklin	LKC Engineering, PLLC	Install a new 500 kgal EST and raise existing US-1 tank.	0	All Other	0%	\$0	\$4,163,000	\$4,081,000								37	35	10	10	5	10	4.B: Recalculated using combined rates	Reconsideration from Fall 2021
123	Henderson, City of	Kerr Lake Regional Water Treatment Plant Upgrades	Vance	CDM Smith	Improvements at WTP along with new Admin/Filter building and new electricals and SCADA.	no	At-Risk	50%	\$20,000,000	\$96,080,860	\$40,000,000								43	35	10	9	7	9	A.1: Insufficient narrative 3.C: Outdated documentation 3.E: narrative and documentation do not match, rate structure	
124	Dover, Town of	Automatic Meter Reading System	Craven	McDavid Associates, Inc.	Install an AMR system to replace old manual meters.	Yes	Distressed	0%	\$0	\$314,645	\$314,645								48	35	0	0	12	23	1.D: This project is solely meter replacement. 1.D.1: Not applicable to earn points 3.E: Flat rate structure	
125	Orange Water and Sewer Authority	Jones Ferry Road WTP-Electrical distribution improvements	Orange	Hazen and Sawyer	Electrical improvements to the Jones Ferry Road WTP.	no	All Other	0%	\$0	\$9,526,420	\$9,526,420								42	34	20	3	3	8	4.B: Used only water rate 3.C: Insufficient documentation 3.D: Data not provided	
126	Neuse Regional Water and Sewer Authority	Chemical Tanks Replacement	Lenoir	Neuse Regional Water & Sewer Authority	Replace bulk chemical storage tanks.	No	All Other	0%	\$0	\$2,366,000	\$2,366,000								34	34	12	0	7	15		

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127	Jones County	2022 ARPA Water Improvements	Jones	McDavid Associates, Inc.	Install valves along old pipe runs to meet standards.	No	All Other	0%	\$0	\$1,250,000	\$1,250,000								45	34	12	0	5	17	1.C.1: More new than old to be replaced 2.J: Insufficient narrative	
128	North Lenoir Water Corp	2022 Water System Improvements	Lenoir	McDavid Associates, Inc.	Install 22,600 LF of watermain and abandon 16,500 LF of waterlines.	Yes	All Other	100%	\$4,139,500	\$4,139,500	\$4,139,500								49	34	10	0	7	17	2.G: Insufficient narrative and calculations 3.D: No documentation	
129	Franklinville, Town of	Franklinville Water Supply Interconnection with Asheboro	Randolph	LKC Engineering, PLLC	Install two interconnections between two separate parts of Franklinville.	Yes	Distressed	0%	\$0	\$8,662,375	\$8,662,375								34	34	0	10	5	19	2.K.1: Excessive interconnection and service lines in budget	
130	Monroe, City of	John Glenn Water Treatment Plant Resiliency Improvements	Union	WK Dickson & Co., Inc.	Improvements at WTP and new standby Generator.	No	All Other	0%	\$0	\$4,615,252	\$4,615,252								43	33	20	3	5	5	3.A.1: Insufficient CIP and documentation	
131	Teachey, Town of	2022 Water System Improvements	Duplin	McDavid Associates, Inc.	Construct a 150 kgal EST, a booster pumpstation and 825 LF of waterline.	Yes	At-Risk	100%	\$3,203,435	\$3,203,435	\$3,203,435								38	33	2	0	10	21	3.D: Inadequate program	
15	Rich Square, Town of	Phase 4 Water Improvements	Northampton	Engineering Services, P.A.	Replace 17,250 LF waterlines; Install two water tanks, permanent generators and system wide radio-read meters; Replace 70 existing water services.	No	Distressed	50%	\$3,256,810	\$6,513,620	\$6,513,620								56	33	0	6	12	15	1.C: Water meters outside of project area 3.C: Insufficient documentation 3.E: Flat utility rate structure	
132	Greenevers, Town of	Automatic Meter Reading System	Duplin	The Adams Company, Inc.	Install AMR system to replace all 474 meters.	Yes	Distressed	0%	\$0	\$735,880	\$735,880								33	33	0	0	10	23		
133	Greenevers, Town of	Water Line Inter-connection with Duplin County Water System.	Duplin	The Adams Company, Inc.	Install a second interconnection and 150 LF of waterline.	Yes	Distressed	0%	\$0	\$194,580	\$194,580								40	33	0	0	10	23	1.D: Not allowed for these points 2.K.3: No interconnection happening	
134	Albemarle, City of	US52 WTP 20-inch Water Transmission Main	Stanly	LKC Engineering, PLLC	Replace 12,000 LF of a 20-inch transmission main.	No	At-Risk	0%	\$0	\$5,565,000	\$5,565,000								32	32	20	0	5	7		
135	Lexington, City of	Water Treatment Plant Phase 1 Rehabilitation	Davidson	CDM Smith	Improvements to WTP 1 and 2.	No	At-Risk	0%	\$0	\$21,288,500	\$21,288,500								42	32	20	0	5	7	2E2: No supporting documentation. 2.1: Insufficient documentation. 2N5: Insufficient map	
136	Morganton, City of	WTP Coagulation, Flocculation, and Sedimentation Improvement Plan	Burke	WK Dickson & Co., Inc.	Upgrades to existing sedimentation/flocculation basins.	No	All Other	0%	\$0	\$4,162,000	\$4,162,000								35	32	20	0	5	7	2.I: Insufficient narrative and documentation	
137	Mount Airy, City of	2022 Water Line Replacements	Surry	The Lane Group, Inc.	Replace 26,000 LF waterlines and 376 services.	Yes	All Other	0%	\$0	\$7,965,200	\$7,965,200								65	32	20	0	5	7	2.B: Insufficient narrative and documentation 2.J: insufficient narrative and documentation 3.A.1: Insufficient narrative 3.A.2: Insufficient / incomplete CIP	
138	Fayetteville Public Works Commission	Hoffer WTP Expansion Phase 3: Residual Improvements	Cumberland	Hazen and Sawyer	Improve residual management at the P.O. Hoffer WTP.	0	All Other	0%	\$0	\$21,254,712	\$20,784,031								32	32	12	0	13	7		Reconsideration from Fall 2021
139	West Jefferson, Town of	Westwood Water tank Replacement	Ashe	High Country Council of Governments	Replace 60,000 gallon elevated storage tank.	No	At-Risk	25%	\$163,625	\$654,500	\$654,500								32	32	12	0	5	15	4.C: Updated population data	
140	Sampson County	Johnston County Interconnection Phase II	Sampson	Dewberry Engineers, Inc.	Install 41,000 LF waterlines with system controls.	yes	All Other	0%	\$0	\$2,638,270	\$2,638,270								27	32	0	10	5	17		swap requested for WIF-2003
141	Columbus County Water District IV	Water System Improvements - Riegelwood Subdivision	Columbus	Green Engineering	Replace 17,630 LF of watermain and associated water meters.	no	At-Risk	0%	\$0	\$1,943,245	\$1,943,245								78	31	0	0	12	19	1.A: Insufficient documentation 1.C / 1.C.1: Project includes meter replacement 2.B: Insufficient documentation 2.F: Insufficient documentation 4.B: Used water bill not combined rate	Water meter replacement outside of project area
142	Weaverville, Town of	Water Supply Resiliency Improvement Project	Buncombe	WithersRavenel, Inc.	Improvements at Water Treatment Plant.	yes	All Other	0%	\$0	\$9,295,700	\$9,295,700								53	30	10	3	5	12	2D: Project planning to expand as they are at 80% capacity. 2.1: Project scope does not include PAC. Insufficient documentation 2.N.7: Backup generator provided. 1.C and 1.C.1: awarded 1D and 1D1 points	
143	Elkin, Town of	West Zone Improvements	Surry/Wilkes	WK Dickson & Co., Inc.	Replace 7,230 LF water lines and increase water storage.	No	All Other	50%	\$2,736,024	\$5,572,048	\$5,472,048								30	30	10	0	5	15		

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144	Rocky Point Topsail Water and Sewer District	Water Line and RO Plant	Pender	CDM Smith	Additional funds for WIF 2007. Construct water transmission line and a new 3-MGD (RO) WTP.	no	All Other	0%	\$0	\$78,750,000	\$55,000,000								41	30	0	13	5	12	1.D: Not allowed 4.B: Qualified for points 3D: Data does not support loss 2.N.5: Not within 100-yr so earned 2.N.7 instead 2.H.2: Not applicable 2.1: Insufficient narrative	
145	Stovall, Town of	Stovall Water Tank and Water System Rehabilitation, Phase 2	Granville	McGill Associates	Replace 4 miles of waterlines and water services; a new feed line to an existing EST.	Yes	Distressed	0%	\$0	\$7,859,240	\$7,859,240								69	30	0	3	8	19	1.C / 1.C.1: N/A - new waterline, not for the purpose of looping 2.D: Insufficient narrative 2.1 : No additional treatment or an upgraded treatment unit 2.J: Unsupported loss data 2.N.7: Insufficient narrative	
146	Brunswick, Town of	Brunswick Water System - Resiliency Improvements	Columbus	LKC Engineering PLLC	New EST; Rehab of two wells; 1,200 LF of waterline to a nearby subdivision.	Yes	At-Risk	0%	\$0	\$2,500,000	\$2,500,000								62	30	0	0	15	15	1.C: Installation of new waterline where none exists 2.F: Missing documentation 2.K.1: Missing documentation	
147	Oxford, City of	Oxford NC - Meter Modernization	Granville	McGill Associates	Install a new AMI system including 3,936 water meters.	yes	All Other	0%	\$0	\$4,664,352	\$4,572,894								40	30	0	0	15	15	2.D. Insufficient narrative	
148	Oxford, City of	Water System Expansion and Enhancement, Phase 5	Granville	McGill Associates	Replace 6,400 LF of 6, 8, and 1-inch waterlines.	0	All Other	0%	\$0	\$4,664,352	\$3,644,695								60	30	0	0	15	15	1.C: No project map with project labeled 2.D: No documentation and insufficient narrative	
149	Fremont, Town of	AMR Meters/Water Meter Replacement	Wayne	Municipal Engineering, Inc.	Replace manual meters with AMR system.	Yes	Distressed	0%	\$0	\$930,612	\$930,612								50	30	0	0	5	25	1.C and 1.C.1: Meter replacements without line replacement - not applicable	Water Meter Project Only.
150	Pine Knoll Shores, Town of	Water Main (Various Streets) and Water Tower Expansion	Carteret	Colliers Engineering & Design	Install 21,382 LF of watermain and a new 250 kgal EST.	No	All Other	0%	\$0	\$8,773,026	\$8,773,026								29	29	10	0	15	4	3.A.2: Received AMP over CIP points 3.D: No documentation	
151	Fayetteville Public Works Commission	Water Distribution System Rehabilitation	Cumberland	Hazen and Sawyer	Replace 24,000 LF of aging waterlines.	no	All Other	0%	\$0	\$4,940,413	\$4,940,413								46	29	10	0	8	11	2.G: Missing documentation and maps 3.A.1: Incomplete documentation	
152	Moore's Creek Water and Sewer District	US 421 CFPWA Water Interconnection Project	Pender	McKim & Creed, Inc.	Extend watermain to interconnect Moore's Creek WSD and CFPWA.	Yes	All Other	0%	\$0	\$3,956,400	\$578,660								43	28	2	3	5	18	2.K.1: No documentation 3.D: Insufficient narrative and documentation	
153	Ocracoke Sanitary District	Water Meter Replacement	Hyde	Municipal Engineering Co.	Replace 1,294 water meters with new AMR system.	Yes	At-Risk	0%	\$0	\$798,000	\$798,000								35	28	0	4	5	19	1.C: Includes water meter replacement 3.C: Outdated documentation 4.B: single rate vs combined rate	
154	Moore's Creek Water and Sewer District	US 421 Blueberry Road Water Connection Project	Pender	McKim and Creed	Install 14,000 LF of watermain.	yes	All Other	0%	\$0	\$3,956,400	\$3,956,400								25	28	0	0	10	18	1.D: New lines where none were before to form a loop 3.B: Qualified for points	
155	Autryville, Town of	Autryville Drinking Water System Improvements	Sampson	McGill Associates	7,100 LF of new waterline; water service connections and meters; pumpstation improvements.	Yes	Distressed	0%	\$0	\$5,599,550	\$5,599,550								46	28	0	0	5	23	1.D. New waterline where there is currently none. 2.D. Insufficient documentation 2.J: Insufficient narrative 2.N.7: Not applicable for their project	
156	Graham, City of	10" Water Main Replacement - Phase 2	Alamance	Alley, Williams, Carmen & King, Inc.	Replace 8,700 LF of water line.	Yes	All Other	0%	\$0	\$4,500,000	\$4,500,000								53	27	10	0	10	7	Applied for and did not receive funding in the 2021 Fall Round. 2.D: Insufficient documentation 2.J: Missing documentation 2.K.2: Insufficient narrative 2.N.7: Not applicable	
157	Graham, City of	Downtown Water Improvements	Alamance	Alley, Williams, Carmen & King, Inc.	Install 2,800 LF of waterline and eliminate 1,910 LF of waterline.	Yes	All Other	0%	\$0	\$760,000	\$760,000								50	27	10	0	10	7	2.D: No documentation 2.J: N/A - A new water line that did not exist before 2.K.2: insufficient documentation	

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158	Graham, City of	West Elm Street Water Line Replacement	Alamance	Alley, Williams, Carmen & King, Inc.	Replace 4,300 LF of waterline and reconnect 45 services.	Yes	All Other	0%	\$0	\$1,200,000	\$1,200,000								55	27	10	0	10	7	2.D: No documentation 2.J: The project is a new water line that did not exist before - N/A 2.K.2: insufficient narrative Category 3: Max point earn of 15 points 3.A.1: insufficient narrative	
159	Holly Springs, Town of	Water Conveyance System from City of Sanford WFF	Wake	Hazen & Sawyer	Install transmission mains to Sanford, Fuquay Varina and to Holly Springs.	No	All Other	0%	\$0	\$97,447,700	\$33,849,350								27	27	2	10	15	0		
160	Greenville Utilities Commission	GUC Distribution System Improvements Study	Pitt	Greenville Utilities Commission	planning study for additional storage and transmission main upgrades.	No	All Other	0%	\$0	\$650,000	\$400,000			\$400,000					27	27	2	3	15	7		
161	Edgecombe County	2022 General Water System Improvements	Edgecombe	The Wooten Company	Rehab 3 ESTs with mixers; Replace meters and update the SCADA system.	Yes	At-Risk	0%	\$0	\$7,503,000	\$7,503,000								50	27	0	3	5	19	1.C and 1.C.1: Not applicable - Residential meter replacement on waterlines being installed of replaced/rehabilitated. 2.N.7: No resiliency component	
162	Wadesboro, Town of	Elevated Storage Tank	Anson	LKC Engineering, PLLC	Construct a 750 kgal EST to replace existing 300 kgal EST.	No	At-Risk	0%	\$0	\$4,812,000	\$4,812,000								29	26	10	0	5	11	2.E.2. Missing documentation	
163	Fuquay-Varina, Town of	Water Conveyance System from City of Sanford WFF	Wake	Hazen & Sawyer	Install transmission mains to Sanford, Fuquay Varina and to Holly Springs.	No	All Other	0%	\$0	\$97,447,700	\$63,898,350								31	26	2	10	10	4	Insufficient resolution 1.D. New waterline where there wasn't any - N/A 3.B: used funding required instead of project cost	
164	Lenoir, City of	Finley Area Water System Improvements	Caldwell	McGill Associates, PA	Install 150 kgal EST, booster PS and 15,500 LF of waterlines.	0	All Other	0%	\$0	\$5,865,000	\$5,750,000								31	26	2	10	7	7	3.C: Outdated documentation	Reconsideration from Fall 2021
165	Weaverville, Town of	Water Treatment Plant Expansion	Buncombe	WithersRavenel, Inc.	Expand WTP from 1.5 MGD to 3 MGD	yes	All Other	0%	\$0	\$25,608,871	\$25,608,871								36	26	2	7	5	12	2D: Currently at 80% capacity	
166	Johnston County	TGB WTP 14-18 MGD Expansion	Johnston	Johnston County Public Utilities	Expand Timothy G. Broome WTP from 14 MGD to 18 MGD	Yes	All Other	0%	\$0	\$55,200,000	\$55,200,000								26	26	2	6	10	8		
167	Ossipee, Town of	Elon Ossipee Road Waterline	Alamance	LaBella Associates	Extend 3,000 LF of waterline to extend service to new customers.	0	Distressed	0%	\$0	\$639,773	\$639,850								28	26	0	0	5	21	1.D: New waterlines where none exist	Reconsideration from Fall 2021
168	Robersonville, Town of	Meter Replacement Project	Martin	Municipal Engineering Co.	Replace 900 water meters with AMRs.	Yes	Distressed	0%	\$0	\$506,765	\$1,140,576								46	26	0	0	5	21	1.C: Inclusion of residential meters make this ineligible for this points 1.C.1: Does meet purpose requirements	
169	Whitsett, Town of	Highway 61 Watermain Extension	Guilford	Davis Martin Powell	Extend 1,800 LF watermain to serve 16 homes, a fire station and Town hall.	Yes	At-Risk	0%	\$0	\$440,000	\$440,000								28	26	0	0	5	21	1.D: New lines do not earn points 3.E: Rate structure issues Category 4: Earned more than claimed	
170	Asheboro, City of	Lake Lucas Dam Intake Improvements Project	Randolph	City of Asheboro	Replace intake structure and add mechanical screen; Clean up the lake bed.	No	At-Risk	0%	\$0	\$2,500,000	\$2,500,000								41	25	20	0	0	5	1.B: Does not meet requirement 1.D: This is not an expansion project 2.I: No added treatment 2.N.7: No redundancy/resiliency 3.B. incorrect financials used	
171	Greensboro, City of	Water Booster Station Stand-By Power Generator	Guilford	Hazen and Sawyer	Improve four different Booster Pump stations.	No	All Other	0%	\$0	\$8,089,000	\$7,288,000								25	25	12	3	3	7		
172	Wilkesboro, Town of	Water Treatment Plant and Intake Upgrades	Wilkes	McGill Associates	Improve WTP; Rehab intake structure; add mechanical pre-treatment.	Yes	Distressed	0%	\$0	\$25,472,700	\$25,472,700								45	25	10	6	0	9	1.C: Not allowed - increases the capacity of the plant for future growth. 1.C.1: can't earn due to 1.C. Earned 1D and 1.D.1 3.A.1: insufficient narrative and documentation	
173	Gibsonville, Town of	New Water Tank	Alamance/Guilford	Alley, Williams, Carmen & King, Inc.	Construct a new 500 kgal EST to replace two 200 kgal ESTs.	No	All Other	0%	\$0	\$2,000,000	\$2,000,000								30	25	10	0	7	8	2.N.7: insufficient narrative 4.B: Earned less	
174	Brevard, City of	Water Storage Tank Expansion	Transylvania	CDM Smith	Install a new water storage tank.	no	At-Risk	75%	\$289,500	\$399,000	\$386,000								25	25	2	3	5	15		
175	St. Pauls, Town of	Water Well and Elevated Storage Tank Replacement	Robeson	McGill Associates	Construct a 475 gpm well with a filtration system and EST to replace a well.	No	Distressed	0%	\$0	\$4,425,400	\$4,425,400								58	25	2	3	5	15	1.C./1.C.1: Expansion 1.D: Points given for expansion. 2.G: No documentation 3.C.: No documentation	
176	Shallotte, Town of	Water System Merger	Brunswick	WithersRavenel	Replace 11,754 LF waterlines and replace 2,400 AMR meters.	No	All Other	0%	\$0	\$5,000,000	\$5,000,000								59	25	0	10	5	10	1.C / 1.C.1: Replacement of water meters 3.A.1 / 3.A.2: Insufficient documentation 4.B: Application claims 10 points based on a combined monthly utility bill of \$138.32.	

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177	Pittsboro, Town of	Hearne Road Water Main Replacement	Chatham	WK Dickson & Co., Inc.	Install 1,700 LF of 8-inch waterline.	No	All Other	0%	\$0	\$610,000	\$550,000								35	25	0	3	8	14	1.D./1.D.1: Over half the line installation is for a loop		
178	Lake Waccamaw, Town of	Phase 2 Water Improvements	Columbus	Engineering Services, P.A.	Replace 7,900 LF of waterlines; Install 600 LF new pipe; Rehab wells and install new meters.	No	At-Risk	0%	\$0	\$3,522,640	\$3,522,640								53	25	0	3	5	17	1.C/1.C.1: Replacement of all service meters 3.E: Not a conservation rate structure 3.C: Outdated documentation		
179	Sampson County	Keener Groundwater Supply Well	Sampson	Dewberry Engineers, Inc.	Construct new well along with back-up power.	0	All Other	0%	\$0	\$1,503,825	\$1,503,825								33	25	0	3	5	17	2.K.2: No interconnection and insufficient narrative and documentation 4.B: Qualified for 8 points	Reconsideration from Fall 2021	
180	Valdese, Town of	Valdese Water Treatment Plant Improvements	Burke	McGill Associates	Rehab and replace Valdese WTP processes.	No	All Other	0%	\$0	\$4,765,600	\$4,765,600								42	24	10	3	7	4	1.C/1.C.1: insufficient narrative 1.D/1.D.1: Given instead 3.A.1: insufficient narrative		
181	Lenoir, City of	Whitnell Water Transmission Main Replacement	Caldwell	McGill Associates	Replace and expand 5,500 LF of water transmission main.	No	All Other	0%	\$0	\$5,589,600	\$5,480,000								27	24	10	0	7	7	2.N.7: Requirements not met		
182	Ahoskie, Town of	Elevated Water Tank and Hydraulic Loop	Hertford	McAdams & Associates, LLC	Install 300 kgal EST and 17,000 LF of waterline.	No	At-Risk	50%	\$1,833,800	\$4,195,900	\$3,667,600								37	24	2	0	5	17	2.G: insufficient documentation or map 3.E: Flat rate structure		
183	Haw River, Town of	Roma Road Waterline Replacement	Alamance	Alley, Williams, Carmen & King, Inc.	Install 7,400 LF water line.	Yes	At-Risk	0%	\$0	\$1,750,000	\$1,750,000								54	24	0	0	7	17	1.D and 1.D.1: No documentation and insufficient narrative, old map data 2.D: No documentation 2.G: used a different model for loss, no raw data, loss not in project area		
184	Haw River, Town of	Spray Street Waterline Replacement	Alamance	Alley, Williams, Carmen & King, Inc.	Install 800 LF of waterline.	yes	At-Risk	0%	\$0	\$750,000	\$750,000								54	24	0	0	7	17	1.D/1.D.1 Insufficient documentation 2.D: No documentation 2.G: Used different model, insufficient data and not in project area		
185	Sims, Town of	Meter Replacement	Wilson	Green Engineering, PLLC	Replace water meters with radio read meters.	No	At-Risk	0%	\$0	\$294,684	\$202,233								44	24	0	0	7	17	1.C/1.C.1 Meter replacement project, therefore no points given.		
186	Robbinsville, Town of	Tallulah Creek Water Treatment Plant Upgrades	Graham	McGill Associates, PA	Upgrade 0.5MGD Tallulah Creek WTP and replace all water meters.	Yes	At-Risk	0%	\$0	\$2,913,750	\$1,413,750								34	24	0	0	5	19	3.A.1 Insufficient documentation of AMP. 3.A.2 Insufficient documentation of project in CIP.		
187	Rowland, Town of	Water Main Improvements & Water Meter Replacement	Robeson	LKC Engineering, PLLC	Replace 1,200 LF of 8-inch pipe; Replace 530 water meters.	Yes	Distressed	0%	\$0	\$1,265,000	\$1,265,000								64	24	0	0	5	19	1.C/1.C.1 Includes meter replacement. 2.B Project does not qualify.	Water Meter replacement outside of project area	
188	Lower Cape Fear Water & Sewer Authority	Kings Bluff Air Backwash Buildings and Walkway Replacement Project	Brunswick	McKim & Creed	Improve WTP; Elevate structures above 500 year flood zone.	Yes	All Other	0%	\$0	\$2,745,330	\$2,745,330								56	23	20	3	0	0	0	2.N.1 Insufficient documentation of claim. 2.N.4 Insufficient documentation of claim. 2.N.5 Insufficient documentation of claim. 3.A.1/3.A.2 Insufficient documentation of CIP adoption. 4.A More than 10,000 connections.	
189	Graham, City of	10" Water Main Replacement from Treatment Plant to northwest Graham	Alamance	Alley, Williams, Carmen & King, Inc.	Replace 29,000 LF waterline.	0	All Other	0%	\$0	\$10,092,000	\$10,092,000								59	23	10	3	3	7	2.D Insufficient documentation of claim. 2.G Insufficient documentation of claim. 2.J Insufficient documentation of claim. 2.K.2 Insufficient documentation of claim. 2.N.7 Project does not qualify. 3.A.2 Insufficient documentation of CIP adoption and project in CIP. 4C: Points adjusted for current data.	Reconsideration from Fall 2021	

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190	Spruce Pine, Town of	Water Infrastructure Upgrade	Mitchell	High Country COG	Construct a 500 kgal EST; Upgrade pump station; Replace 8,800 LF of 8-inch pipe.	No	At-Risk	0%	\$0	\$8,389,800	\$8,389,800								36	23	2	3	7	11	2.G. Insufficient documentation of claim. 3.E Rates structure does not qualify.		
191	Warren County	Regional Elevated Storage Tank	Warren	Rivers & Associates, Inc.	Construct a 1MGD elevated tank	Yes	All Other	25%	\$1,277,125	\$5,108,500	\$5,108,500								23	23	2	3	5	13			
192	Warren County	Regional Elevated Storage Tank (Planning grant)	Warren	Rivers & Associates, Inc.	Construct a 1MGD elevated tank (planning grant)	Yes	All Other	25%	\$47,375	\$189,500	\$189,500			\$189,500					28	23	2	3	5	13	3.D No documentation of claim.		
193	East Bend, Town of	Water System Replacement	Yadkin	The Wooten Company	Replace 67,694 LF of waterline and all associated water meters.	Yes	Distressed	0%	\$0	\$11,788,234	\$11,788,234								43	23	0	0	5	18	1.C. Includes meter replacement.	Water Meter replacement outside of project area	
194	Harrisburg, Town of	FY2022 Waterline Upgrade - Cabarrus Woods Phase 1	Cabarrus	Town of Harrisburg	Replace/Expand 10,000 LF of water lines.	Yes	All Other	0%	\$0	\$1,280,318	\$1,280,318								67	22	10	0	10	2	1.C /1.C.1 Expansion project. Earns 1.D/1.D.1 points. 2.B. Project does not qualify for points 2.G. Insufficient documentation of claim. 3.A.1. Insufficient documentation of AMP. Earns 3.A.2 points.		
195	Mebane, City of	Elevated Storage Tank	Alamance	Hazen & Sawyer	Construct a 1MG elevated storage tank.	No	All Other	0%	\$0	\$6,362,000	\$6,362,000								22	22	2	3	15	2			
196	Mocksville	Madison Road BPS Renovation and North Elevated Tank	Davie	Willis Engineers, Inc.	Renovate booster PS; Construct a new EST.	Yes	At-Risk	0%	\$0	\$3,451,200	\$2,326,200								22	22	2	3	10	7			
197	Stanly Water & Sewer Authority	Water System Improvements - Phase IV	Stanly	Chambers Engineering, PA	Install 158,665 LF of waterline and add 490 new customers.	yes	All Other	75%	\$3,337,247	\$17,798,647	\$4,449,662								45	22	2	0	5	15	2.H.2. Insufficient documentation of claim. 2.K.2. Insufficient documentation of claim. 3.E. Rates structure does not qualify for points.		
198	Ayden, Town of	West College/Cannon/Fender Street Water Line Improvements	Pitt	Municipal Engineering Co.	Replace 1,000 LF and extend 400 LF of water lines.	No	At-Risk	0%	\$0	\$477,400	\$477,400								52	22	0	0	5	17	1.C/1.C.1 Cost of looping exceeds limit. 3.A.1/3.A.2 Insufficient documentation of project in CIP		
199	Plymouth, Town of	2022 Water System Improvements	Washington	The Wooten Company	Replace 39,780 LF of water line; Replace water reading system and meters.	No	Distressed	0%	\$0	\$5,772,997	\$5,772,997								55	22	0	0	5	17	1.C/1.C.1 Includes meter replacement. 2.J. Insufficient documentation of claim. 3.A.1. Insufficient documentation of AMP.		
200	Sampson County	Governor Moore Rd and South McCullen Rd Water Main Extensions	Sampson	Dewberry Engineers, Inc.	Extend 33,000 LF of water main; Add 50 new services.	0	All Other	0%	\$0	\$1,671,750	\$1,671,750								22	22	0	0	5	17	1.D New waterlines where none exist.	Reconsideration from Fall 2021	
201	Sampson County	Town of Harrell's Interconnection	Sampson	Dewberry Engineers, Inc.	Install 33,000 LF of watermains and appurtenances to provide water to one bulk and 69 residential customers.	0	All Other	0%	\$0	\$2,762,800	\$2,762,800								30	22	0	0	5	17	2.K.1 Insufficient documentation of claim.	Reconsideration from Fall 2021	
202	Star, Town of	Tank Rehabilitation and Water Meter Replacement	Montgomery	LKC Engineering, PLLC	Rehabilitate EST; Replace all of the Town's meters.	Yes	Distressed	0%	\$0	\$1,065,000	\$1,065,000								62	22	0	0	5	17	1.C/1.C.1 Includes meter replacement. 2.B. Project does not meet requirements for points.	meter replacement for entire town lost project purpose	
203	Onslow Water and Sewer Authority	Highway 24 Water Transmission Main Rehabilitation	Onslow	WK Dickson & Co., Inc.	Replace 21,000 LF of pipe and associated appurtenances.	No	All Other	0%	\$0	\$10,962,000	\$10,962,000								32	21	2	0	10	9	1.D.1 Insufficient documentation of claim.		
204	Johnston County	Water Supply Improvements to Cleveland BPS	Johnston	Johnston County Public Utilities	Parallel 10,700 LF water line; Install 17,600 LF new water line and upgrade Cleveland BPS.	No	All Other	0%	\$0	\$7,713,240	\$7,562,000								23	21	0	3	10	8	1.D New waterline where none exists.		
205	Lower Cape Fear Water & Sewer Authority	Generators at King's Bluff Raw Water Pump Station	Brunswick	McKim & Creed	Replace generators; Update and modify building and electricals.	Yes	All Other	0%	\$0	\$9,871,060	\$9,871,060								47	20	20	0	0	0	0	2.N.5 Insufficient documentation of claim. 2.N.7 Generators already exist. 3.A.1/3.A.2 Insufficient documentation of CIP adoption.	
206	Stanly County	Millingport Road Waterline Interconnect	Stanly	Chambers Engineering PA	Install 17,510 LF of water line.	Yes	Distressed	75%	\$2,954,813	\$3,939,750	\$3,939,750								45	20	2	0	5	13	2.H.2 Insufficient documentation of claim. 2.K.1 Insufficient documentation of claim. 3.A.2 Insufficient documentation of project in CIP. 3.E Insufficient documentation of claim.		

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207	Yanceyville, Town of	Small Waterline Replacement	Caswell	Alley, Williams, Carmen & King, Inc.	Replace 4,000 LF of waterline and 60 water service connections.	Yes	At-Risk	0%	\$0	\$1,325,000	\$1,325,000								60	20	0	0	7	13	1.C/1.C.1 Insufficient documentation of looping cost. 2.D Insufficient documentation of claim. 2.G Insufficient documentation of claim.	
208	Onslow Water and Sewer Authority	Dixon WTP Expansion	Onslow	WK Dickson & Co., Inc.	Preconstruction planning for 4 MGD to 6 MGD plant expansion.	No	All Other	0%	\$0	\$250,000	\$250,000				\$250,000				31	19	2	0	8	9	2.H.2. Insufficient documentation of claim. 3.A.2 Insufficient documentation of project in CIP.	
209	Nags Head, Town of	AMI smart meters	Dare	McAdams	Replace manually read water meters with AMI smart meters.	no	All Other	0%	\$0	\$2,379,235	\$2,379,235								21	19	0	0	5	14	3.A.2 Insufficient documentation of CIP adoption.	
210	Lansing, Town of	Water system improvements	Ashe	High Country Council of Governments	Install 50 kgal storage tank; 2,000 LF of water line; a new SCADA system and Replace water meters.	No	At-Risk	0%	\$0	\$1,555,250	\$1,555,250								20	18	0	3	2	13	1.D Includes meter replacement.	Water meters outside of project area
211	Linden, Town of	Water meter replacement project	Cumberland	Mid-Carolina Regional Council	Replace water meters to AMI system.	Yes	At-Risk	0%	\$0	\$400,996	\$400,996								13	18	0	0	5	13		
212	Ranlo, Town of	New Water Interconnect	Gaston	The Wooten Company	Install 3,640 LF of pipe to establish an additional interconnection with Gastonia.	Yes	At-Risk	0%	\$0	\$1,796,000	\$1,796,000								46	18	0	0	5	13	1.D/1.D.1 Project addresses future growth. 2.J. Insufficient documentation of claim. 2.K.2. Insufficient documentation of claim. 3.D Insufficient documentation of claim.	
213	Junaluska Sanitary District	HCC/Broyhill Tank	Haywood	Brown Consultants	Replace 11,000 LF of waterlines; Construct a new booster PS and a 125 kgal EST.	No	At-Risk	75%	\$2,481,120	\$3,519,190	\$3,308,160								52	17	2	0	0	15	1.C Expansion project. 1.C.1 Insufficient documentation of claim. 2.G Insufficient documentation of claim. 3.A.2 Insufficient documentation of project in CIP. 3.B Operating ratio <1.	
214	Martin County	2022 District I and II Water System Improvements	Martin	The Wooten Company	Extend water lines to close loops; upgrade AMR systems.	No	Distressed	0%	\$0	\$4,817,600	\$4,817,600								31	17	0	0	0	17	1.D Includes meters and waterline extension. 2.I Insufficient documentation of claim. 3.C Insufficient documentation of claim. 4.C Insufficient documentation of claim.	
215	Raeford, City of	Hwy. 401 12" Transmission Line	Hoke	MBD Consulting Engineers, P.A.	Install 7,270 LF of Waterlines and associated appurtenances; SCADA improvements.	No	At-Risk	0%	\$0	\$1,697,150	\$1,697,150								18	16	0	5	0	11	1.D. New waterlines where none exist.	
216	Thomasville, City of	Alum Sludge Centrifuge Project	Davidson	Labella Associates	new centrifuge building	No	All Other	0%	\$0	\$5,161,300	\$5,161,300								16	16	0	0	5	11		
217	White Lake, Town of	Phase 1 Water Improvements	Bladen	Engineering Services, PA	Replace 7,405 LF of water line along with 134 connections and 300 meters.	no	All Other	0%	\$0	\$1,407,001	\$1,407,001								39	16	0	0	5	11	1.C/1.C.1 Includes meter replacement. 3.E Rates not increasing twice within first 5,000 gallons.	Water Meter replacement outside of project area
218	Forest City, Town of	Morrow Motor Water System Improvements	Rutherford	McGill Associates	Extend 9,900 LF water line; construct a new booster PS.	Yes	All Other	0%	\$0	\$3,662,300	\$3,662,300								47	15	0	3	5	7	1.D New waterline where none exists. 2.G Insufficient documentation of claim. 2.K.2 Insufficient documentation of claim. 3.C Insufficient documentation of claim. 3.D Insufficient documentation of claim.	
219	Gibsonville, Town of	Highway 61 Connector - Cone Club to Town	Alamance/Guilford	Alley, Williams, Carmen & King, Inc.	Install 9,000 LF of waterline to interconnect with Burlington.	No	All Other	0%	\$0	\$3,000,000	\$3,000,000								45	15	0	0	7	8	1.D/1.D.1 New waterline where none exists. 2.D Insufficient documentation of claim. 2.K.2 No new or larger interconnection.	
220	Gastonia, City of	Southeast Water Expansion	Gaston	LaBella Associates, PC	Install 15,150 LF of water lines.	no	All Other	0%	\$0	\$7,308,820	\$7,165,510								14	14	0	0	7	7		
221	Goldensboro, City of	2017 Design Fees	Wayne	City of Goldensboro	Design fees reimbursement for a dead SRF project (Replace water lines and a booster PS).	Yes	Distressed	0%	\$0	\$300,200	\$300,200				\$300,200				19	9	0	0	2	7	3.A.1 Insufficient documentation of AMP.	

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222	Wilkes County	Wilkes County Infrastructure Extension Project	Wilkes	WK Dickson & Co., Inc.	Planning grant for Waterline extension to North Wilkesboro Speedway.	No	All Other	0%	\$0	\$400,000	\$400,000				\$400,000				11	7	0	0	0	7	2.K.2 Insufficient documentation of claim. 3.A.1/3.A.2 Insufficient documentation of CIP adoption. 4.A More than 10,000 connections.	
223	Lower Cape Fear Water & Sewer Authority	48" Parallel Raw Water Main PER & Rate Study Project	Brunswick	McKim & Creed	Planning and Rate Study for a 10-mile 48-inch raw water parallel transmission main.	Yes	All Other	0%	\$0	\$275,000	\$275,000				\$275,000				35	5	2	3	0	0	2.K.2 Insufficient documentation of the claim. 3.A.1/3.A.2 Insufficient documentation of CIP adoption. 4.A More than 10,000 connections.	
224	Lower Cape Fear Water & Sewer Authority	Kings Bluff 4th Pump Addition Project	Brunswick	McKim & Creed	Install a redundant standby pump at the King's Bluff PS.	Yes	All Other	0%	\$0	\$3,781,450	\$3,781,450								25	5	2	3	0	0	3.A.1/3.A.2 Insufficient documentation of CIP adoption. 4.A More than 10,000 connections.	
225	Raleigh, City of	Orthophosphate & Carbon Dioxide Improvements	Wake	Black & Veatch	Install chemical storage and feed systems at DE Benton and EM Johnson WTPs.	No	All Other	0%	\$0	\$7,016,937	\$5,000,000								25	5	0	0	5	0	2.D Insufficient documentation of claim. 3.A.1 Insufficient documentation of CIP adoption.	

Not Eligible for funding

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	Concord	Hilgrove Water Treatment Plant Improvements	Cabarrus	HDR Engineering, Inc. of the Carolinas		No	All Other	0%		\$ 8,155,423	\$ 5,000,000								41	eligib	20	6	0	0		Both hard copy and digital copy missing Signed Resolution.
	Fork Township Sanitary District	2022 Water System Improvements	Wayne	McDavid Associates, Inc.		No	All Other	0%		\$ 1,835,000	\$ 1,835,000								42	eligib	20	0	0	17		Resolution provided is for an AIA grant
	Hyde County	Water Tank Rehabilitation and Resiliency	Hyde	Green Engineering		no	Distressed	0%		\$ 1,143,500	\$ 1,185,500								54	eligib	20	3	7	19		No fund transfer certification and Financial Form.
	Warrenton	Town-Wide Water System Improvements	Warren	Municipal Engineering, Inc.		Yes	Distressed	100%		\$ 4,271,783	\$ 4,271,783								58	eligib	20	0	5	23		Resolution is for wastewater and not a drinking water project.
	Beaufort	Water System Improvements	Carteret	Rivers & Associates, Inc.		Yes	All Other	100%		\$ 13,025,832	\$ 4,994,227								52	eligib	10	0	5	17		Resolution is for a Wastewater project

Drinking Water Projects - Spring 2022 Application Funding Round
Projects Approved for Funding by the State Water Infrastructure Authority on July 14, 2022

Funded in VUR*	
Funded in State Reserve	
Funded in VUR and DWSRF*	
Funded in State Reserve and DWSRF	
Funded in DWSRF	

*Funding from the Viable Utility Reserve contingent based upon approval by the Local Government Commission

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Max. Eligible PF/Grant Verified (not applicable to ARPA)	Total Project Cost	Total Funding Requested	Grant from VUR (ARPA "Distressed")	Grant from State Reserve (ARPA "At-Risk")	Grant from State Reserve (ARPA "All Other Systems")	Grant from State Reserve (ARPA "Study Grants")	Grant from State Reserve (SL 2022-74)	DWSRF Principal Forgiveness	DWSRF Loan	Points Submitted by Applicant	Points Verified	Project Purpose	Project Benefit	System Management	Affordability	Difference in Points Claimed & Verified	Other Considerations/Staff Notes
	Hillsborough	US70 Water Main and Hassel Street Tank Engineering Study	Orange	Town of Hillsborough		No	All Other	0%		\$ 70,000	\$ 70,000								48	eligib	10	0	15	10		No PE seal on budget or scoresheet.
	Cameron	Infrastructure Updates	Moore	Town of Cameron		Yes	All Other	0%		\$ 229,000	\$ 229,000								0	eligib	0	0	0	0		No PE seal/Cost estimates Ineligible
	Topsail Beach	Water Supply Study	Pender	Rivers & Associates		No	All Other	0%		\$ 185,000	\$ 185,000								89	eligib	0	0	8	14		
	Enfield, Town of	Phase 7 Water System Improvements	Halifax	UCPCOG	Water treatment plant repairs and replace 24,440 LF of waterline.	No	Distressed	75%		\$ 5,418,460	\$ 5,418,460								61	eligib	20	0	10	23	2.E.2: Insufficient documentation 3.A.1. Insufficient documentation	Ineligible Did not provide necessary resolutions.
	Sharpsburg, Town of	Phase 3 Water System Improvements Project	Nash	Upper Coastal Plain Council of Governments	Replace ~ 3,900 LF of water lines, valves, 24 hydrants, and 74 water services	Yes	Distressed	100%		\$ 1,274,710	\$ 1,274,710								48	eligib	20	0	7	21		Ineligible Did not provide necessary resolutions.
	Enfield, Town of	Water Main Extension to Enfield Timber Company	Halifax	UCPCOG	Install 10,150 LF of new water line.	No	Distressed	0%		\$ 1,498,640	\$ 1,498,640								73	eligib	0	0	15	23	1.B: Insufficient narrative T 1.C: New infrastructure not old 2.H.2. Insufficient documentation	Ineligible Did not provide necessary resolutions.

	North Carolina Department of Environmental Quality Division of Water Infrastructure Application for Funding (Last updated: February 2022)	
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1. General Information

Applicant Name	County	DUNS Number
Town of Eureka	Wayne	047094719

Project Name	Federal Tax ID #	PWSID # (if applicable)
Wastewater Collection System Improvements	56-1168272	

Applicant Type	Total Project Cost	Funding Amount Requested
<input checked="" type="checkbox"/> Municipality <input type="checkbox"/> County <input type="checkbox"/> Water and Sewer District <input type="checkbox"/> Water and Sewer Authority	\$14,999,900	\$14,999,900
<input type="checkbox"/> Sanitary District <input type="checkbox"/> Non-Profit Water Corporation <input checked="" type="checkbox"/> Other (Specify: LGC -fiscal control)		

Funding Type(s) Requested

<input type="checkbox"/> Asset Inventory and Assessment (AIA) Grant	<input checked="" type="checkbox"/>	Construction Project
<input type="checkbox"/> Merger/Regionalization Feasibility (MRF) Grant	<input type="checkbox"/>	Drinking Water
<input type="checkbox"/> Pre-Construction Planning Grant (without construction)	<input checked="" type="checkbox"/>	Wastewater
<input type="checkbox"/> Other: _____	<input type="checkbox"/>	CWSRF Green Project: stream restoration, stormwater BMP, reclaim water

Acceptance of Funding Offer (for Construction Projects only)

These questions will be used to identify the best funding fit. Funding from the American Rescue Plan Act (ARPA) is available as grants, and principal forgiveness is available from the State Revolving Funds.

1. I am willing to accept funding that includes federal conditions. Yes No
2. I will only accept a funding offer (loan and/or grant) if a minimum of \$0 is offered as a grant or principal forgiveness. *Enter \$0 if you are willing to accept a loan offer with no grant or principal forgiveness.*
3. Because of the potential hardship related to a State Revolving Fund and/or State Reserve Program loan, this application seeks to replace the \$ _____ loan awarded to the Insert Project Name (Insert project number) with grant funding. *Note: loans that have already received disbursements are not eligible.*

2. System Parameters

Residential Sewer Connections	Residential Water Connections	
115	N/A	
Non-Residential Sewer Connections	Non-Residential Water Connections	
0	N/A	
Monthly Sewer Bill per 5,000 gallons	Monthly Water Bill per 5,000 gallons	
\$98.75	N/A	
Percentage of Utility Bills Collected and Rate Increase Percentages		
Year	Percentage of Utility Bills Collected	Rate Increase Percentage
FYE 2021	97.5%	6%
FYE 2020	98%	0%
FYE 2019	98%	0%
FYE 2018	98%	0%
FYE 2017	92%	0%

(OVER)

3. Applicant Contact Information

Authorized Representative Name: Manasa Cooper
Authorized Representative Title: Assistant Director, Fiscal Management Division
Mailing Address Line 1: State and Local Finance Division
Mailing Address Line 2: 3200 Atlantic Avenue
City: Raleigh
State: NC
Zip Code: 27604
Physical Address Line 1: State and Local Finance Division
Physical Address Line 2: 3200 Atlantic Avenue
Physical Address City: Raleigh
Physical Address State: NC
Physical Address Zip Code: 27604
Phone Number: (919)-814-4295
E-Mail Address: Manasa.Cooper@nctreasurer.com

4. Application Preparer Contact Information

Firm Name: CDM Smith
Contact Name: Reed Barton
Mailing Address Line 1: 5400 Glenwood Ave
Mailing Address Line 2: Suite 400
City: Raleigh
State: NC
Zip Code: 27612
Physical Address Line 1: 5400 Glenwood Ave
Physical Address Line 2: Suite 400
Physical Address City: Raleigh
Physical Address State: NC
Physical Address Zip Code: 27612
Phone Number: (919)-325-3550
E-Mail Address: bartonr@cdmsmith.com

5. Engineer Contact Information

Is the engineering firm different from the application preparer? Yes No
Engineering Firm Name:
Contact Name:
Mailing Address 1:
Mailing Address 2:
City:
State:
Zip Code:
Physical Address Line 1:
Physical Address Line 2:
Physical Address City:
Physical Address State:
Physical Address Zip Code:
Phone Number:
E-Mail Address:

6. Project Description (see Instructions)

The Town of Eureka is listed on the State Water and Infrastructure Authority and the Local Government Commission designated as distressed list. The Town of Eureka has shown significant inflow and infiltration (I&I), sewer utility rates much higher than the industry average, and has been deemed above affordability metrics for the area based on two studies. One study was performed by CDM Smith in 2005 and one study was performed by Freese and Nichols in 2018. The studies were conducted as an operation and performance evaluation of the collection system to verify that the system was performing in accordance with the design requirements and to verify that the design requirements are consistent with the system demands and flow characteristics of the service area. The system is shown in **Appendix A**.

The proposed project is intended to replace the Town of Eureka's entire wastewater collection system. The following is proposed:

- Replacement of 12,390 linear feet of 8-inch gravity main with a like-for-like replacement
- Replacement of 3,660 linear feet of 10-inch gravity main with a like-for-like replacement
- Replacement of 1,835 linear feet of 4-inch force main with like-for-like replacement
- Replacement of 10,568 linear feet of 8-inch force main with like-for-like replacement
- Replacement of 66 manholes with like-for-like replacement
- Replacement and reconnection of 115 sewer laterals with like-for-like replacement
- Replacement of the existing Baker Street Pump Station with like-for-like replacement and a new back-up generator.

The proposed project will replace all existing gravity sewer mains, sewer force mains, manholes, and pump station without increasing capacity.

Estimated number of new connections served by project (if applicable):

0

For Construction Projects and Pre-Construction Planning Grants only:

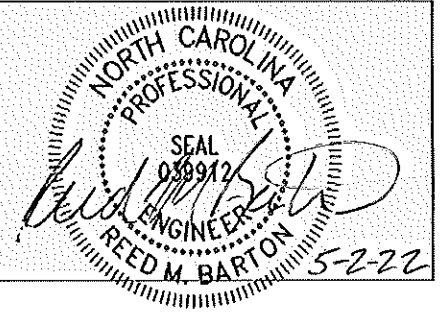
- The proposed project is a result of an Asset Inventory and Assessment Grant previously awarded by the Division?
- The proposed project is a result of a Merger / Regionalization Feasibility Grant previously awarded by the Division?
- None of the above.

7. Additional Information for Consideration

(OVER)

8a. Project Budget (for Construction Projects and Pre-Construction Planning Grants only)			
	Division Funding Requested	Other Secured Funding Source(s)	Total Cost Amount
<u>Construction Costs</u>			
12,390 LF of 8-inch Gravity Main > 40 Years	\$1,913,800		\$1,913,800
3,660 LF of 10-inch Gravity Main > 40 Years	\$771,500		\$771,500
5,220 LF of 4-inch Force Main > 40 Years	\$745,300		\$745,300
7,190 LF of 8-inch Force Main > 40 Years	\$1,411,900		\$1,411,900
66 Manholes > 40 Years	\$1,733,500		\$1,733,500
Replace and Reconnect 115 4-inch Sewer Laterals	\$1,157,400		\$1,157,400
Remove and Dispose 12,390 LF of Existing Gravity Main	\$503,800		\$503,800
Remove and Dispose of 66 Existing Manholes	\$621,900		\$621,900
Abandon 12,410 LF of Existing Force Mains	\$68,400		\$68,400
Asphalt Concrete Surface Patching	\$481,200		\$481,200
Milling and Overlay	\$256,200		\$256,200
Seeding	\$6,600		\$6,600
Sidewalk and Curb Replacement	\$228,500		\$228,500
One Pump Station (Lump Sum) > 20 Years	\$918,100		\$918,100
<i>Contingency (10% of construction costs):</i>	\$1,081,800		\$1,081,800
<i>Construction Subtotal:</i>	<i>\$11,889,900</i>		<i>\$11,889,900</i>
<u>Engineering Costs</u>			
Engineering Design and Construction Documents	\$1,200,000		\$1,200,000
Construction Administration and Inspection	\$900,000		\$900,000
Permitting	\$80,000		\$80,000
Land Surveying Costs	\$400,000		\$400,000
<i>Engineering Subtotal:</i>	<i>\$2,580,000</i>		<i>\$2,580,000</i>
<u>Administration Costs</u>			
Planning (pre-construction costs)	\$0		\$0
Easement Preparation	\$300,000		\$300,000
Engineering Report Preparation	\$40,000		\$40,000
Environmental Documentation Preparation (if applicable)	\$30,000		\$30,000
Legal Costs	\$150,000		\$150,000
Compensation for Connection Fees and System Development Fees that will not be charged after connecting residences in disadvantaged, underserved areas (if applicable)	\$0		\$0
Project Funding Administration (if applicable)	\$0		\$0
Other:	\$0		\$0
Other:	\$0		\$0
<i>Administration Subtotal:</i>	<i>\$520,000</i>		<i>\$520,000</i>
TOTAL PROJECT COST:	\$14,999,900		\$14,999,900

A Professional Engineer signature and seal for the estimate must be provided in the space to the right for the application to be considered complete.



8b. Project Budget (for AIA and MRF grants, and training and/or rate study components to other projects)	
	Division Funding Requested
TOTAL DIVISION FUNDING REQUESTED:	

(OVER)

Certification by Authorized Representative

The attached statements and exhibits are hereby made part of this application, and the undersigned representative of the Applicant certifies that the information in this application and the attached statements and exhibits are true, correct, and complete to the best of his/her knowledge and belief. By initialing each item and signature at the end of this application, he/she further certifies that:

ASE
ASE
ASE
ASE
ASE
ASE
ASE
ASE
ASE
ASE

1. as Authorized Representative, he/she has been authorized to file this application by formal action of the governing body;
2. the governing body agrees to provide for proper short-term and long-term maintenance and operation of the approved project after its completion;
3. the Applicant has substantially complied with or will comply with all federal, state, and local laws, rules, and regulations and ordinances as applicable to this project;
4. the Applicant will adopt and place into effect on or before the completion of the project a schedule of fees and charges which will provide for the adequate and proper operation, maintenance, and administration and repayment of all principal and interest on loans (if applicable) of the project;
5. the Applicant has followed proper accounting and fiscal reporting procedures, as evidenced by the Applicant's most recent audit report, and that the Applicant is in substantial compliance with provision of the general fiscal control laws of the State;
6. the Project Budget for construction projects and pre-construction planning grants provided in this application form (if applicable) includes all funding requested from all sources of funding proposed for this project;
7. the (Town or County), North Carolina is organized and chartered under the laws of North Carolina, or the special purpose unit of local government is incorporated under the laws of North Carolina. All officials and employees are aware of, and in full compliance with NCGS 14-234, "Public officers or employees benefiting from public contracts; exceptions." (For units of local government only. All others should initial "N/A");
8. the Applicant acknowledges that all loans, and Viable Utility Reserve grants, are subject to approval by the Local Government Commission;
9. the Applicant acknowledges that, in accordance with G.S. 120-157.2, for local government debt to be issued greater than \$1,000,000, the local government must report to Committee Chairs, Committee Assistant, and the Fiscal Research Division of the General Assembly at least 45 days prior to presentation before the Local Government Commission (For units of local government only. All others should initial "N/A"); and
10. if the Applicant receives a grant with American Rescue Plan Act (ARPA) State Fiscal Recovery Funds, the Applicant acknowledges and accepts the following conditions:
 - a) all ARPA project funds must be reimbursed by December 31, 2026;
 - b) project funds will not be used to pay existing debt or as a match for other federal funds;
 - c) if the project is also funded with other federal funds, the federal requirements of the other funds will apply to the ARPA funds; and
 - d) for projects receiving ten million dollars or more in ARPA funding: recipients must certify or provide plans and reports meeting federal requirements on reporting on prevailing wage rates, project labor agreements, and related information as specified in the U.S. Treasury's Compliance and Reporting Guidance for the State and Local Fiscal Recovery Funds (pages 21-22).

Completeness Checklist

In addition to this application, the following items must be included for a complete application package. Incomplete applications will not be considered. Please initial that each item is included in this submittal.

- JK Resolution by Governing Body of Applicant with Certification by Recording Officer*
- JK Water & Sewer Financial Information Form*
- JK Fund Transfer Certification*
- JK Applicable Priority Rating System Form* with supporting narratives and documentation
- JK Affordability Calculator* or handwritten affordability calculations
- JK Current rate sheets in effect on application deadline (for both water and sewer if the utility provides both water and sewer, or for water or sewer depending on the utility service)
- JK PE Seal on project budget (construction projects and pre-construction planning grants only. All others initial "N/A")
- N/A Supporting documentation/maps for construction projects that connect residences in disadvantaged, underserved areas to water/wastewater utility (if applicable. If not applicable, initial "N/A")

* Forms and templates are available separately on the [Division's website](#).

** For each application, please provide copies that are bound (e.g., report cover with fasteners, plastic report combs, spiral or 3-ring binders). No paper clips, staples or binder clasps. **

Submittal Information

- Send one (1) **original hard copy** and one (1) **electronic copy** of the Application.

Send complete Application package to:

Mailing Address† (US Postal Service only)

Division of Water Infrastructure
1633 Mail Service Center
Raleigh, NC 27699-1633

Physical Address (FedEx, UPS)‡

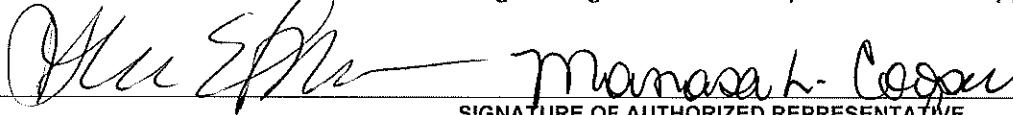
Division of Water Infrastructure – 8th Floor, Archdale Building
512 North Salisbury Street
Raleigh, NC 27604
919.707.9160

†Please allow two weeks for delivery if mailing via the US Postal Service.

‡For all courier services, please use the physical address, as having a courier deliver to the mailing address will delay package delivery.

Application Signature

Please note: original signatures are required for each application.


SIGNATURE OF AUTHORIZED REPRESENTATIVE

Sharon Edmundson
TYPED NAME

Secretary, Local Government
Commission
TYPED TITLE

April 27, 2022
DATE

Priority Rating System Narrative

Town of Eureka – Wastewater Collection System Improvements

Category 1 – Project Purpose

Line Item 1.C – Rehabilitation and Replacement (15 points)

The Town of Eureka is listed on the State Water and Infrastructure Authority and the Local Government Commission designated as distressed list. The Town of Eureka has shown significant inflow and infiltration (I&I), sewer utility rates much higher than the industry average, and has been deemed above affordability metrics for the area based on two studies. One study was performed by CDM Smith in 2004 and one study was performed by Freese and Nichols in 2018. Executive Summaries of both studies are in **Appendix E**. The studies were conducted as an operation and performance evaluation of the collection system to verify that the system was performing in accordance with the design requirements and to verify that the design requirements are consistent with the system demands and flow characteristics of the service area. The system is shown in **Appendix A**.

The proposed project is intended to replace the Town of Eureka’s entire wastewater collection system. The following is proposed:

- Replacement of 12,390 linear feet of 8-inch gravity main with a like-for-like replacement
- Replacement of 3,660 linear feet of 10-inch gravity main with a like-for-like replacement
- Replacement of 1,835 linear feet of 4-inch force main with like-for-like replacement
- Replacement of 10,568 linear feet of 8-inch force main with like-for-like replacement
- Replacement of 66 manholes with like-for-like replacement
- Replacement and reconnection of 115 sewer laterals with like-for-like replacement
- Replacement of the existing Baker Street Pump Station with like-for-like replacement and a new back up generator.

The proposed project will replace all existing gravity sewer mains, sewer force mains, manholes, and pump station without increasing capacity.

Line Item 1.C.1 – Replace old Infrastructure (10 points)

The project purpose is to rehabilitate and replace aged sewer infrastructure that is aged, poorly constructed, and experiences heavy Inflow and Infiltration (I&I). The I&I, in addition to the poor condition of the facilities, results in operational and treatment costs (assessed by the City of Goldsboro, who receives and treats the wastewater) that make the system financially unstable.

The existing 8-inch and 10-inch gravity main, existing 4-inch and 8-inch force main, existing manholes, and existing pump station were all installed in 1981, greater than 40 or 20-years old respectively, and the majority of the system needs a combination of replacement and/or rehabilitation. A letter stating the date of construction is included in **Appendix B**.

Subtotal claimed for Category 1 – Project Purpose: 25 points

Category 2 – Project Benefits

Line Item 2.C – Specific Environmental Benefits by Replacement, Repair, or Merger (15 points)

The Town of Eureka is currently suffering from a combination of operational, staffing/managerial, technical, and financial challenges. North Carolina Session Law 2019-29 (see **Appendix C**) suspended the charter of the Town of Eureka and placed all monies and assets of the town under control of the State Treasurer. The sewer system is not financially viable, and unable to afford the needed rehabilitation and replacement that is needed to return the system to a sustainable operational status, both to benefit the community and provide protection to the environment.

Line Item 2.N.7 – Project Provides Redundancy/Resiliency for Critical Treatment and/or Transmission/Distribution System Functions Including Backup Electrical Power Source (3 points)

The Baker Street Pump Station currently has no backup power.

As a part of the Sewer project, this pump station will be rehabilitated or replaced, and new backup power generation will be added to provide resiliency for the pump station to continue operation in the event of a power outage.

A description of the various components of the design is provided in **Appendix A**.

Subtotal claimed for Category 2 – Project Purpose: 18 points

Category 3 – System Management

Line Item 3.B – System Operating Ratio (5 points)

The System Operating Ratio is less than 1 for the most recently completed audit year, 2018, as indicated in the equation provided below. The revenues and expenditures are provided in the Financial Information Form included in this funding application.

$$\text{Operating Ratio} = \frac{\text{Operating Revenues}}{(\text{Total Expenditures} + \text{Debt Principal} + \text{Interest} + \text{Capital Outlay})}$$

$$\text{Operating Ratio} = \frac{\$92,798}{(\$147,832 + \$0 + \$0 + \$0)} = 0.63$$

The System Operating Ratio is less than 1 and the unit cost is greater than 2.5% of MHI as indicated in the equation provided below. The official Rate Sheet is provided in **Appendix D**.

$$\text{Sewer Rate as \% MHI} = 100 \times \left(\frac{\text{Sewer Bill for 5,000 } \frac{\text{gal}}{\text{month}}}{\left(\frac{\text{MHI}}{12} \right)} \right)$$

$$\text{Sewer Rate as \% MHI} = 100 \times \left(\frac{\$98.75}{\left(\frac{\$40,893}{12} \right)} \right) = 2.90\%$$

Subtotal claimed for Category 3 – Project Purpose: 5 points

Category 4 – Affordability

Line Item 4.A.2 – Fewer than 1,000 Residential Connections (8 points)

The Town of Eureka has 115 residential sewer connections.

Line Item 4.B.2 – Monthly Utility Rate per 5,000-gallons > \$90 (6 points)

The current wastewater rate for the Town of Eureka is a flat rate base charge of \$45.00 for sewer connections and the monthly sewer bill of \$10.75 / 5000 gal / month. Calculations are provided below. The current rate sheet is attached as **Appendix D**.

$$\begin{aligned} \text{Sewer cost per 5,000 gal} &= \text{base charge} + \left(\frac{\$}{1000 \text{ gal}} \cdot 5000 \text{ gal} \right) = \$45 + \left(\frac{\$10.75}{1000} \cdot 5000 \right) \\ &= \$98.75 \text{ per mo for 5000 gal} \end{aligned}$$

Line Item 4.C.1 – 3 of 5 LGU Indicators are Worse than State Benchmark (3 points)

Per the attached Affordability Calculator, 3 of the 5 LGU indicators for the Town of Eureka are worse than the state benchmark.

Subtotal claimed for Category 4 – Project Purpose: 17 points

TOTAL POINTS CLAIMED: 65 POINTS



North Carolina Department of Environmental Quality
Division of Water Infrastructure
Application for Funding



(Last updated: February 2022)

1. General Information

Applicant Name Town of Kingstown	County Cleveland County	DUNS Number 842180072
--	-----------------------------------	---------------------------------

Project Name Lift Station and Force Main Improvements	Federal Tax ID # 56-1850669	PWSID # (if applicable)
---	---------------------------------------	--------------------------------

Applicant Type	Total Project Cost \$1,568,760	Funding Amount Requested \$1,568,760
<input checked="" type="checkbox"/> Municipality <input type="checkbox"/> County <input type="checkbox"/> Water and Sewer District <input type="checkbox"/> Water and Sewer Authority	<input type="checkbox"/> Sanitary District <input type="checkbox"/> Non-Profit Water Corporation <input type="checkbox"/> Other (Specify:)	

Funding Type(s) Requested

<input type="checkbox"/> Asset Inventory and Assessment (AIA) Grant <input type="checkbox"/> Merger/Regionalization Feasibility (MRF) Grant <input type="checkbox"/> Pre-Construction Planning Grant (without construction) <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Construction Project ↳ <input type="checkbox"/> Drinking Water ↳ <input checked="" type="checkbox"/> Wastewater ↳ <input type="checkbox"/> CWSRF Green Project: stream restoration, stormwater BMP, reclaim water
--	--

Acceptance of Funding Offer (for Construction Projects only)

These questions will be used to identify the best funding fit. Funding from the American Rescue Plan Act (ARPA) is available as grants, and principal forgiveness is available from the State Revolving Funds.

- I am willing to accept funding that includes federal conditions. Yes No
- I will only accept a funding offer (loan and/or grant) if a minimum of \$0 is offered as a grant or principal forgiveness. *Enter \$0 if you are willing to accept a loan offer with no grant or principal forgiveness.*
- Because of the potential hardship related to a State Revolving Fund and/or State Reserve Program loan, this application seeks to replace the \$ _____ loan awarded to the Insert Project Name (Insert project number) with grant funding. *Note: loans that have already received disbursements are not eligible.*

2. System Parameters

Residential Sewer Connections 184	Residential Water Connections N/A
Non-Residential Sewer Connections 15	Non-Residential Water Connections N/A
Monthly Sewer Bill per 5,000 gallons \$67.00	Monthly Water Bill per 5,000 gallons N/A

Percentage of Utility Bills Collected and Rate Increase Percentages

Year	Percentage of Utility Bills Collected	Rate Increase Percentage
2021	94.27%	0%
2020	86.73%	0%
2019	89.79%	0%
2018	99.35%	0%
2017	97.12%	0%

(OVER)

3. Applicant Contact Information**Authorized Representative Name:** Ann Cutler**Authorized Representative Title:** Accounting & Financial Management Advisor**Mailing Address Line 1:** North Carolina Department of State Treasurer**Mailing Address Line 2:** 3200 Atlantic Avenue**City:** Raleigh**State:** NC**Zip Code:** 27604**Physical Address Line 1:** same**Physical Address Line 2:****Physical Address City:****Physical Address State:****Physical Address Zip Code:****Phone Number:** 919-814-4298**E-Mail Address:** Ann.Cutler@nctreasurer.com**4. Application Preparer Contact Information****Firm Name:** HDR Engineering, Inc. of the Carolinas**Contact Name:** Mary Brice**Mailing Address Line 1:** 555 Fayetteville Street**Mailing Address Line 2:** Suite 900**City:** Raleigh**State:** NC**Zip Code:** 27601**Physical Address Line 1:** Same**Physical Address Line 2:****Physical Address City:****Physical Address State:****Physical Address Zip Code:****Phone Number:** 919-900-1636**E-Mail Address:** mary.brice@hdrinc.com**5. Engineer Contact Information**Is the engineering firm different from the application preparer? Yes No**Engineering Firm Name:****Contact Name:****Mailing Address 1:****Mailing Address 2:****City:****State:****Zip Code:****Physical Address Line 1:****Physical Address Line 2:****Physical Address City:****Physical Address State:****Physical Address Zip Code:****Phone Number:****E-Mail Address:**

6. Project Description (see Instructions)

The Town of Kingstown is located in Cleveland County North Carolina and has a population of approximately 680. The area is largely residential. The Town provides wastewater services for a total of 184 residential and 15 non-residential customers. The Town is staffed with elected officials but lacks a paid utility director. The utility director role is currently staffed by a volunteer. The Kingstown sewer system was constructed between 2007 and 2009. The system includes three lift stations and a total of approximately 15.4 miles of force main and sewer gravity pipeline. The Town of Polkville conveys wastewater via force main to outfall into the upgradient extent of the Town of Kingstown sanitary sewer collection system. All wastewater entering the Town of Kingstown wastewater collection system is conveyed via forcemain to the City of Shelby.

The State Water Infrastructure Authority and the Local Government Commission have identified the Town of Kingstown, located in Cleveland County, North Carolina, as a distressed wastewater system.

In 2021, following the development an asset inventory and condition assessment for the Town’s linear and vertical assets, a number of assets were identified for rehabilitation and replacement and aggregated into the capital improvement project: Lift Station and Force Main Improvements. This project will include improvements to Town of Kingstown’s three lift stations (Kingstown, Petty Road, and Union School) and replacement of several force main air release valves.


Estimated number of new connections served by project (if applicable):

For Construction Projects and Pre-Construction Planning Grants only:

- The proposed project is a result of an Asset Inventory and Assessment Grant previously awarded by the Division?
- The proposed project is a result of a Merger / Regionalization Feasibility Grant previously awarded by the Division?
- None of the above.

7. Additional Information for Consideration

(OVER)

8a. Project Budget (for Construction Projects and Pre-Construction Planning Grants only)			
	Division Funding Requested	Other Secured Funding Source(s)	Total Cost Amount
Indicate construction costs by line item (e.g., linear feet of different-sized lines)			
<u>Construction Costs</u>			
Kingstown Lift Station Improvements	\$706,400		\$706,400
Petty Road Lift Station Improvements	\$398,700		\$398,700
Union School Lift Station Improvements	\$127,000		\$127,000
Air Release Valves	\$96,500		\$96,500
Contingency (10% of construction costs):	\$132,860		\$132,860
Construction Subtotal:	\$1,461,460		\$1,461,460
<u>Engineering Costs</u>			
Engineering Design	\$73,100		\$73,100
Permitting	\$5,000		\$5,000
Land Surveying Costs			
Construction Administration	\$29,200		\$29,200
Engineering Subtotal:	\$107,300		\$107,300
<u>Administration Costs</u>			
Planning (pre-construction costs)			
Easement Preparation			
Engineering Report Preparation			
Environmental Documentation Preparation (if applicable)			
Legal Costs			
Compensation for Connection Fees and System Development Fees that will not be charged after connecting residences in disadvantaged, underserved areas (if applicable)			
Project Funding Administration (if applicable)			
Other:			
Other:			
Administration Subtotal:			
TOTAL PROJECT COST:	\$1,568,760		\$1,568,760
<p>A Professional Engineer signature and seal for the estimate <u>must be provided</u> in the space to the right for the application to be considered complete.</p>			

8b. Project Budget (for AIA and MRF grants, and training and/or rate study components to other projects)	
	Division Funding Requested
TOTAL DIVISION FUNDING REQUESTED:	

(OVER)

Certification by Authorized Representative

The attached statements and exhibits are hereby made part of this application, and the undersigned representative of the Applicant certifies that the information in this application and the attached statements and exhibits are true, correct, and complete to the best of his/her knowledge and belief. By initialing each item and signature at the end of this application, he/she further certifies that:

AC
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1. as Authorized Representative, he/she has been authorized to file this application by formal action of the governing body;
2. the governing body agrees to provide for proper short-term and long-term maintenance and operation of the approved project after its completion;
3. the Applicant has substantially complied with or will comply with all federal, state, and local laws, rules, and regulations and ordinances as applicable to this project;
4. the Applicant will adopt and place into effect on or before the completion of the project a schedule of fees and charges which will provide for the adequate and proper operation, maintenance, and administration and repayment of all principal and interest on loans (if applicable) of the project;
5. the Applicant has followed proper accounting and fiscal reporting procedures, as evidenced by the Applicant's most recent audit report, and that the Applicant is in substantial compliance with provision of the general fiscal control laws of the State;
6. the Project Budget for construction projects and pre-construction planning grants provided in this application form (if applicable) includes all funding requested from all sources of funding proposed for this project;
7. the (Town or County), North Carolina is organized and chartered under the laws of North Carolina, or the special purpose unit of local government is incorporated under the laws of North Carolina. All officials and employees are aware of, and in full compliance with NCGS 14-234, "Public officers or employees benefiting from public contracts; exceptions." (For units of local government only. All others should initial "N/A");
8. the Applicant acknowledges that all loans, and Viable Utility Reserve grants, are subject to approval by the Local Government Commission;
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10. if the Applicant receives a grant with American Rescue Plan Act (ARPA) State Fiscal Recovery Funds, the Applicant acknowledges and accepts the following conditions:
 - a) all ARPA project funds must be reimbursed by December 31, 2026;
 - b) project funds will not be used to pay existing debt or as a match for other federal funds;
 - c) if the project is also funded with other federal funds, the federal requirements of the other funds will apply to the ARPA funds; and
 - d) for projects receiving ten million dollars or more in ARPA funding: recipients must certify or provide plans and reports meeting federal requirements on reporting on prevailing wage rates, project labor agreements, and related information as specified in the U.S. Treasury's [Compliance and Reporting Guidance for the State and Local Fiscal Recovery Funds](#) (pages 21-22).

Completeness Checklist

*In addition to this application, **the following items must be included for a complete application package. Incomplete applications will not be considered.** Please initial that each item is included in this submittal.*

- Resolution by Governing Body of Applicant with Certification by Recording Officer*
- Water & Sewer Financial Information Form*
- Fund Transfer Certification*
- Applicable Priority Rating System Form* with supporting narratives and documentation
- Affordability Calculator* or handwritten affordability calculations
- Current rate sheets in effect on application deadline (for both water and sewer if the utility provides both water and sewer, or for water or sewer depending on the utility service)
- PE Seal on project budget (construction projects and pre-construction planning grants only. All others initial "N/A")
- N/A Supporting documentation/maps for construction projects that connect residences in disadvantaged, underserved areas to water/wastewater utility (if applicable. If not applicable, initial "N/A")

* Forms and templates are available separately on the [Division's website](#).

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Send complete Application package to:

Mailing Address[†] (US Postal Service only)

Division of Water Infrastructure
1633 Mail Service Center
Raleigh, NC 27699-1633

Physical Address (FedEx, UPS)[‡]

Division of Water Infrastructure – 8th Floor, Archdale Building
512 North Salisbury Street
Raleigh, NC 27604
919.707.9160

[†]Please allow two weeks for delivery if mailing via the US Postal Service.

[‡]For all courier services, please use the physical address, as having a courier deliver to the mailing address will delay package delivery.

Application Signature

Please note: original signatures are required for each application.

Ann Cutler

SIGNATURE OF AUTHORIZED REPRESENTATIVE

Ann Cutler
TYPED NAME

Finance Officer
TYPED TITLE

5/1/22
DATE

CWSRF Priority Rating System Narrative

Town of Kingstown - Lift Station and Force Main Improvements

Project Description

The Town of Kingstown is located in Cleveland County North Carolina and has a population of approximately 680. The area is largely residential. The Town provides wastewater services for a total of 184 residential and 15 non-residential customers. The Town is staffed with elected officials but lacks a paid utility director. The utility director role is currently staffed by a volunteer. The Kingstown sewer system was constructed between 2007 and 2009. The system includes three lift stations and a total of approximately 15.4 miles of force main and sewer gravity pipeline. The Town of Polkville conveys wastewater via force main to outfall into the upgradient extent of the Town of Kingstown sanitary sewer collection system. All wastewater entering the Town of Kingstown wastewater collection system is conveyed via force main to the City of Shelby.

The State Water Infrastructure Authority and the Local Government Commission have identified the Town of Kingstown, located in Cleveland County, North Carolina, as a distressed wastewater system.

In 2021, following the development an asset inventory and condition assessment for the Town's linear and vertical assets, a number of assets were identified for rehabilitation and replacement and aggregated into the capital improvement project: Lift Station and Force Main Improvements. This project will include improvements to Town of Kingstown's three lift stations (Kingstown, Petty Road, and Union School) and replacement of several force main air release valves.

Lift Station and Force Main Improvements project includes the following:

- Improvements to Kingstown LS include building repairs, pump and piping replacements, electrical and control replacements, generator replacement, and the addition of gutters and security fencing.
- Improvements to Petty Road LS include wet well equipment replacements, pump replacement, generator replacement, and the addition of exterior lighting and a canopy structure over the control panels.
- Improvements to Union School LS include wet well equipment replacements, the addition of electrical grounding, and addition of exterior lighting and a canopy structure over the control panels.
- Replacement of eleven force main air release valves.

Kingstown Lift Station and Force Main Improvements Narrative Attachments

- A. SSO Event project map
- B. SSO Report sent to the Division of Water Resources (DWR) and the Mooresville Regional Office
- C. Lift Station and Force Main Improvements Opinion of Probable Construction Costs (OPCC)
- D. Lift Station and Force Main Improvements Project Sheets

Category 1 – Project Purpose

Line Item 1.C – Rehabilitation and Replacement [15 points]

This project will include improvements to Town of Kingstown’s three lift stations (LS) – Kingstown, Petty Road, and Union School – and force main air release valves (ARVs). The assets intended for replacement are currently still in service. The proposed project to replace the deteriorated assets will be a like-for-like replacement with no increase in capacity.

Improvements to Kingstown LS include building repairs, generator replacement, pump and piping rehabilitation and replacement, and adding gutters and security fencing. Improvements to Petty Road LS include wet well equipment replacements, pump rehabilitation and replacement, and adding exterior lighting and canopy structure to the control panel system. Improvements to Union School LS include wet well equipment replacements, generator replacement, electrical grounding, and adding exterior lighting and canopy structure to the control panel system.

On the 8-inch force main that conveys wastewater from Kingstown LS to the Shelby collection system, three of the ARVs have been replaced in the past 4 years, but the remaining eleven are in poor condition and will need to be replaced.

Category 2 – Project Benefits

Line Item 2.C – Specific environmental benefits by replacement, repair, or merger including replacing failing septic tanks [15 points]

The replacement and repair of ARVs along the force main provide a specific environmental benefit by reducing sanitary sewer overflows (SSOs). In July 2021, an ARV failure at 1901 Polkville Road caused a SSO that reached an unnamed tributary of Brushy Creek. Prior to the failure, this ARV was inspected and identified as an asset due for replacement based on poor condition.

On the 8-inch force main that conveys wastewater from Kingstown LS to the Shelby collection system, three of the ARVs have been replaced in the past 4 years, but the remaining eleven are in poor condition and will need to be replaced to prevent potential SSOs. This SSO was the first event directly related to ARV failure, but frequency of SSO events due to ARV failures will increase by delaying ARV replacement and rehabilitation. This project to replace the remaining eleven ARVs will reduce the risk of ARV failure and related SSO events.

Supporting materials regarding this SSO event include the project map and SSO Reports sent to the Division of Water Resources (DWR) and the Mooresville Regional Office.

Line Item 2.N.7 Project provides redundancy/resiliency for transmission system functions including backup electrical power source [3 points]

Electrical and generator improvements include control panel canopy structures, electrical grounding, and generator replacements to the Town’s three lift stations. The automatic transfer switch at Petty Road LS is not operational. The control panels at Petty Road and Union School LS do not currently have canopy structures. Automatic or cellular controls will be installed to improve staff safety and response time, increase resiliency for the lift stations, and reduce risk

of SSOs. Canopy structures will be installed to give coverage for electrical equipment, extending the life of the electrical equipment and improving resiliency in storms.

The control panels at Union School LS are currently not grounded. Additional electrical grounding at Union School LS reduces electrocution risk for maintenance staff and provides protection for the electrical equipment. This electrical grounding reduces risk of SSOs in storms, improving system resiliency. The Kingstown LS and Petty Road LS generators were originally installed in 2005 and 2007, respectively. The generators will be replaced to restore redundancy.

Category 3 – System Management

Line Item 3.B – System Operating Ratio [5 points]

The Town of Kingstown’s Operating Ratio is greater than to 1.00. Please see below for support calculations and the Financial Information Form for calculation inputs.

$$\text{Operating Ratio} = \frac{\text{Operating Revenues}}{(\text{Total Expenditures} + \text{Debt Principal} + \text{Interest} + \text{Capital Outlay})}$$

$$\text{Operating Ratio} = \frac{\$149,302}{(\$130,782 + \$14,435 + \$2,789 + \$0)} = 1.01 \geq 1.00$$

Category 4 – Affordability

Line Item 4.A.3 – Less than 1,000 residential connections [8 Points]

Town of Kingstown system has 185 residential and non-residential utility accounts that are fully connected to the sewer and are active accounts. The Town of Polkville conveys wastewater to the Town of Kingstown. Town of Polkville has 14 residential and non-residential connections.

Line Item 4.B – Current Monthly Utility Rate at 5,000 Gallons

The Town of Kingstown’s monthly combined utility rate is \$97.53 per month. The attached sewer rate sheet and the following table identifies the inside city rates used from FY 2021-22 to calculate current monthly utility rate at 5,000 gallons.

	Base Charge	Volumetric Charge
Water	For 0-1,250 gallons: \$12.00 per month	For 1,250 – 20,000 gallons: \$4.94 per 1,000 gallons per month
Wastewater	\$28.00 per month	\$7.80 per 1,000 gallons per month

Below are the supporting calculations for the combined utility rate.

$$\text{Water Utilty Rate} = \$12.00 + \left(\frac{\$4.94}{1,000 \text{ gallons}} \right) (5,000 - 1,250 \text{ gallons}) = \$30.53 \text{ per month}$$

$$\text{Wastewater Utilty Rate} = \$28.00 + (\$7.80 * 5) = \$67.00 \text{ per month}$$

$$\text{Combined Utilty Rate} = \$30.53 + \$67.00 = \$97.53 \text{ per month} > \$90$$

Line Item 4.C – Local Government Unit (LGU) Indicators

Town of Kingstown’s economic indicators are below the state median for percent population change, median household income, unemployment, and property valuation per capita. The following information was taken from the attached Affordability Calculator filled for Town of Kingstown.

Economic Indicators	Town of Kingstown	State Benchmarks	Below State Benchmark?
Population Change	-33.69%	4.26%	Yes
Poverty Rate	11	14.7	No
Median Household Income	\$41,667	\$54,602	Yes
Unemployment Rate	4	3.9	Yes
Calculated Prop. Val. per Capita	\$37,700	\$119,594	Yes



North Carolina Department of Environmental Quality
Division of Water Infrastructure
Application for Funding



(Last updated: February 2022)

1. General Information

Applicant Name Town of Kingstown	County Cleveland	DUNS Number 842180072
Project Name Macedonia Church Road Gravity Sewer Replacement	Federal Tax ID # 561850669	PWSID # (if applicable)
Applicant Type	Total Project Cost \$280,320	Funding Amount Requested \$280,320
<input checked="" type="checkbox"/> Municipality <input type="checkbox"/> County <input type="checkbox"/> Water and Sewer District <input type="checkbox"/> Water and Sewer Authority	<input type="checkbox"/> Sanitary District <input type="checkbox"/> Non-Profit Water Corporation <input type="checkbox"/> Other (Specify:)	

Funding Type(s) Requested

<input type="checkbox"/> Asset Inventory and Assessment (AIA) Grant	<input checked="" type="checkbox"/> Construction Project
<input type="checkbox"/> Merger/Regionalization Feasibility (MRF) Grant	↳ <input type="checkbox"/> Drinking Water
<input type="checkbox"/> Pre-Construction Planning Grant (without construction)	↳ <input checked="" type="checkbox"/> Wastewater
<input type="checkbox"/> Other: _____	↳ <input type="checkbox"/> CWSRF Green Project: stream restoration, stormwater BMP, reclaim water

Acceptance of Funding Offer (for Construction Projects only)

These questions will be used to identify the best funding fit. Funding from the American Rescue Plan Act (ARPA) is available as grants, and principal forgiveness is available from the State Revolving Funds.

- I am willing to accept funding that includes federal conditions. Yes No
- I will only accept a funding offer (loan and/or grant) if a minimum of **\$280,320** is offered as a grant or principal forgiveness. Enter \$0 if you are willing to accept a loan offer with no grant or principal forgiveness.
- Because of the potential hardship related to a State Revolving Fund and/or State Reserve Program loan, this application seeks to replace the \$ _____ loan awarded to the Insert Project Name (Insert project number) with grant funding. *Note: loans that have already received disbursements are not eligible.*

2. System Parameters

Residential Sewer Connections	Residential Water Connections	
184	N/A	
Non-Residential Sewer Connections	Non-Residential Water Connections	
15	N/A	
Monthly Sewer Bill per 5,000 gallons	Monthly Water Bill per 5,000 gallons	
\$67.00	N/A	
Percentage of Utility Bills Collected and Rate Increase Percentages		
Year	Percentage of Utility Bills Collected	Rate Increase Percentage
2021	94.27	0
2020	86.73	0
2019	89.98	0.75
2018	99.35	0
2017	97.11	0

(OVER)

3. Applicant Contact Information**Authorized Representative Name:** Ann Cutler**Authorized Representative Title:** Finance Officer**Mailing Address Line 1:** 3200 Atlantic Avenue**Mailing Address Line 2:****City:** Raleigh**State:** NC**Zip Code:** 27604**Physical Address Line 1:** 3200 Atlantic Avenue**Physical Address Line 2:****Physical Address City:** Raleigh**Physical Address State:** NC**Physical Address Zip Code:** 27604**Phone Number:** 919.268.0395**E-Mail Address:** Ann.cutler@nctreasurer.com**4. Application Preparer Contact Information****Firm Name:** West Consultants, PLLC**Contact Name:** Benjamin B. Thomas, PE**Mailing Address Line 1:** 405 S. Sterling Street**Mailing Address Line 2:****City:** Morganton**State:** NC**Zip Code:** 28655**Physical Address Line 1:** 405 S. Sterling Street**Physical Address Line 2:****Physical Address City:** Morganton**Physical Address State:** NC**Physical Address Zip Code:** 28655**Phone Number:** (828) 522-4728**E-Mail Address:** bthomas@west-consultants.com**5. Engineer Contact Information**Is the engineering firm different from the application preparer? Yes No**Engineering Firm Name:****Contact Name:****Mailing Address 1:****Mailing Address 2:****City:****State:****Zip Code:****Physical Address Line 1:****Physical Address Line 2:****Physical Address City:****Physical Address State:****Physical Address Zip Code:****Phone Number:****E-Mail Address:**

6. Project Description (see Instructions)

The Town of Kingstown owns a public sewer system that serves its corporate limits as well as a small area outside the limits. All of the sewer system is maintained by the City of Shelby and wastewater is sent to the wastewater treatment plant in Shelby. There is a 4” main that has been poorly installed along Macedonia Church Road that has sags in the main and backs up into Macedonia Baptist Church posing possible health risks and odors. Therefore, it is proposed to replace the existing 4” sewer main with a new 8” PVC sewer main. The new 8” sewer will be located on Macedonia Church Road and Vernon Road in the town of Kingstown, North Carolina. The new 8” SDR 35 PVC sewer main will be replacing an existing 4” sewer main and will be approximately 657 linear feet.

Estimated number of new connections served by project (if applicable): N/A

For Construction Projects and Pre-Construction Planning Grants only:

- The proposed project is a result of an Asset Inventory and Assessment Grant previously awarded by the Division?
- The proposed project is a result of a Merger / Regionalization Feasibility Grant previously awarded by the Division?
- None of the above.

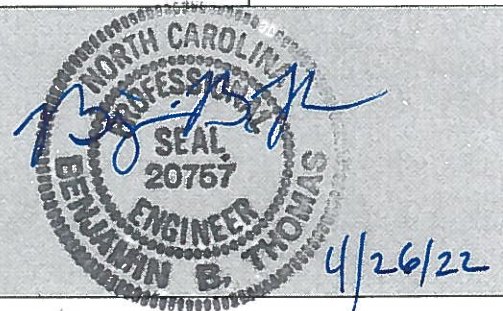
7. Additional Information for Consideration

(OVER)

8a. Project Budget (for Construction Projects and Pre-Construction Planning Grants only)

	Division Funding Requested	Other Secured Funding Source(s)	Total Cost Amount
Indicate construction costs by line item (e.g., linear feet of different-sized lines)			
<u>Construction Costs</u>			
8" Gravity Sewer (657 LF)	\$185,000		\$185,000
Reconnect 3 Service Laterals to New Sewer Main	35,000		35,000
<i>Contingency (10% of construction costs):</i>	22,000		22,000
<i>Construction Subtotal:</i>	<i>\$242,000</i>		<i>\$242,000</i>
<u>Engineering Costs</u>			
Engineering Design	10,000		10,000
Permitting	480		480
Land Surveying Costs	1,500		1,500
<i>Engineering Subtotal:</i>	<i>\$11,980</i>		<i>\$11,980</i>
<u>Administration Costs</u>			
Planning (pre-construction costs)			
Easement Preparation			
Engineering Report Preparation	5,000		5,000
Environmental Documentation Preparation (if applicable)			
Legal Costs			
Compensation for Connection Fees and System Development Fees that will not be charged after connecting residences in disadvantaged, underserved areas (if applicable)			
Project Funding Administration (if applicable)	7,500		7,500
Other: Construction Observation/Administration	12,340		12,340
Other: Advertising, Miscellaneous	1,500		1,500
<i>Administration Subtotal:</i>	<i>\$26,340</i>		<i>\$26,340</i>
TOTAL PROJECT COST:	\$280,320		\$280,320

A Professional Engineer signature and seal for the estimate must be provided in the space to the right for the application to be considered complete.



8b. Project Budget (for AIA and MRF grants, and training and/or rate study components to other projects)	
	Division Funding Requested
TOTAL DIVISION FUNDING REQUESTED:	

(OVER)

Certification by Authorized Representative

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Application Signature

Please note: original signatures are required for each application.



SIGNATURE OF AUTHORIZED REPRESENTATIVE

Ann Cutler
TYPED NAME

Finance Officer
TYPED TITLE

4.28.22
DATE

**PRIORITY RATING SYSTEM NARRATIVE
TOWN OF KINGSTOWN
MACEDONIA CHURCH ROAD GRAVITY SEWER REPLACEMENT PROJECT**

Category I – Project Purpose

Line Item 1.C - Project will rehabilitate or replace infrastructure:

The purpose of the proposed project is to prevent sanitary sewer backups by replacement of infrastructure.

The Town of Kingstown owns a public sewer system that serves its corporate limits as well as a small area outside the limits. There is a 4" sewer main that has been poorly installed along Macedonia Church Road that has sags in the line and backs up into Macedonia Baptist Church posing possible health risks and odors. Therefore, it is proposed to replace the existing 4" sewer main with a new 8" PVC sewer main. The new 8" sewer will be located in the rights-of-way of Macedonia Church Road and Vernon Road in the town of Kingstown, North Carolina. The new 8" SDR 35 PVC sewer main will be replacing an existing 4" sewer main and will be approximately 657 linear feet.

All work will replace existing pipe with the same size pipe (like-for-like replacements), except that 4" to 6" gravity sewer mains will be replaced with 8" gravity sewers in accordance with 15A NCAC 2T .0305(i)(1). No additional capacity will be created by this project.

The project map enclosed with this application shows the location of the proposed work.

Category II – Project Benefits

Line Item 2.C – Specific Environmental Benefits by Replacement, Repair:

The existing sewer has sags in the line. These likely due to improper slope during original installation and/or poor bedding. This causes odors and sewer backups into Macedonia Baptist Church, which poses a health risk. The existing sewer is 4 inches and does not meet State requirements of public sewer mains being a minimum of 8 inches.

A preliminary engineering report (PER) was funded by USDA Rural Development that documents these issues and provides an alternatives analysis. The PER was completed on March 6, 2019, and USDA-RD concurred on April 2, 2019. A copy of the concurrence is enclosed.

Category III – System Management

Line Item 3.B – System Operating Ratio is greater than or equal to 1.00 based on a current audit, or is less than 1.00 and unit cost is greater than 2.5%

The Operating Ratio (OR) based on the financial statement for the year ending June 30, 2019 (the most recent complete audit submitted to the LGC) is 0.83 and calculated as follows:

	FY19
Operating Revenue	\$144,196
Total Expenditures	\$158,326
Debt Principal	\$14,389
Capital Outlay	\$0
Interest	\$1,399
Operating Ratio:	0.83

$$\text{OR} = (\text{Revenues}) / (\text{Expenditures} + \text{Debt Principal} + \text{Interest} + \text{Capital Outlay}) = 0.83$$

Therefore, the OR is less than 1.00. However, the annual Median Household Income (MHI) for Kingstown is \$41,667, and the Combined Water and Sewer Rate for 5,000 gallons per month for an inside water and sewer customer is \$111.67 (see Item 4.B.3 below). Then the Combined Water and Sewer Rate as a percent of MHI is:

$$(\$111.67 \times 12 / \$41,667) = 3.22\%$$

Therefore, Kingstown's Combined Water and Sewer Rate as a percentage of Median Household Income is 3.22%, which is greater than 2.5%.

Category IV – Affordability

Line Item 4.A.3 – Residential Connections:

Sewer Customers for the Town of Kingstown:

total residential connections = 184
total non-residential connections = 15
total connections = 199

Therefore, there are fewer than 1,000 residential connections.

Line Item 4.B.3 – Current Monthly Utility Rates at 5,000 Usage:

The Town of Kingstown provides only sewer services to its citizens. As of FY2019, the Town charges a \$28.00 base fee plus a volume charge of \$7.80 per 1,000 gallons.

Therefore, the charge for 5,000 gallons of sewer in one month is \$28.00 + \$7.80 x 5 = \$67.00.

Per the Division’s Guidance, for single-utility sewer providers: Estimate the combined utility by dividing the sewer rate for 5,000 gallons by 0.6.

Therefore, the effective combined charge for 5,000 gallons water and sewer in one month is \$67.00/0.6 = \$111.67. This is greater than \$107 per month.

A current rate sheet is included with this application.

Line Item 4.C.2 – Local Government Unit Indicators:

Using the Affordability Calculator provided by the Division, 4 out of 5 indicators are worse than the State benchmarks.

Enter Name of Applicant:

STEP 1: Applicant's Designation and Assessment Criteria Score

Select Applicant from menu:	Kingstown
Designated as "Distressed" in accordance with NCGS 159G-45?	Yes
VUR Assessment Criteria Score:	11
Wholesale-only service provider?	No

If applying for a project with more than one local government unit, select the local government that is either designated as distressed or has the greatest VUR Assessment Criteria score.

STEP 2: Residential Connections

How many wastewater residential connections does your system contain?

STEP 3: Local Government Unit (LGU) Economic Indicators

Enter your local government unit parameters and service area coverage as shown below. Select local government(s) in your service area.

<input type="button" value="Push to Clear All"/>	Select LGU from menu →	Kingstown							
Enter name of LGU (if not listed above) →									
LGU Coverage (% of service area)	100%					Total:			
Population:	492					100%			
Population Change	-33.69%							State	Worse than State
Poverty Rate	11							Benchmarks are:	Benchmark?
Median Household Income	\$41,667					-33.69%	<=	4.26%	Yes
Unemployment Rate	4					11	>=	14.7	No
Total Appraised Value of Property	\$18,548,237					\$41,667	<=	\$54,602	Yes
Calculated Prop. Val. per Capita	\$37,700	\$0	\$0	\$0		4	>=	3.9	Yes
							# of Indicators worse →		
							than State Benchmark		
									4



**North Carolina Department of Environmental Quality
Division of Water Infrastructure
Application for Funding**



(Last updated: February 2022)

1. General Information

Applicant Name Town of Pikeville	County Wayne	DUNS Number 047-489-331
Project Name 2022 Wastewater Improvements Project	Federal Tax ID # 56-6001307	PWSID # (if applicable) 04-96-030
Applicant Type	Total Project Cost \$9,100,000.00	Funding Amount Requested \$9,100,000.00
<input checked="" type="checkbox"/> Municipality <input type="checkbox"/> County <input type="checkbox"/> Water and Sewer District <input type="checkbox"/> Water and Sewer Authority	<input type="checkbox"/> Sanitary District <input type="checkbox"/> Non-Profit Water Corporation <input type="checkbox"/> Other (Specify:)	

Funding Type(s) Requested

<input type="checkbox"/> Asset Inventory and Assessment (AIA) Grant	<input checked="" type="checkbox"/> Construction Project
<input type="checkbox"/> Merger/Regionalization Feasibility (MRF) Grant	↳ <input type="checkbox"/> Drinking Water
<input type="checkbox"/> Pre-Construction Planning Grant (without construction)	↳ <input checked="" type="checkbox"/> Wastewater
<input type="checkbox"/> Other: _____	↳ <input type="checkbox"/> CWSRF Green Project: stream restoration, stormwater BMP, reclaim water

Acceptance of Funding Offer (for Construction Projects only)

These questions will be used to identify the best funding fit. Funding from the American Rescue Plan Act (ARPA) is available as grants, and principal forgiveness is available from the State Revolving Funds.

- I am willing to accept funding that includes federal conditions. Yes No
- I will only accept a funding offer (loan and/or grant) if a minimum of \$9,100,00 is offered as a grant or principal forgiveness. Enter \$0 if you are willing to accept a loan offer with no grant or principal forgiveness.
- Because of the potential hardship related to a State Revolving Fund and/or State Reserve Program loan, this application seeks to replace the \$ _____ loan awarded to the Insert Project Name (Insert project number) with grant funding. *Note: loans that have already received disbursements are not eligible.*

2. System Parameters

Residential Sewer Connections 325	Residential Water Connections 404
Non-Residential Sewer Connections 55	Non-Residential Water Connections 55
Monthly Sewer Bill per 5,000 gallons 107.15	Monthly Water Bill per 5,000 gallons 68.60

Percentage of Utility Bills Collected and Rate Increase Percentages

Year	Percentage of Utility Bills Collected	Rate Increase Percentage
2021	Info not available	0
2020	Info not available	0
2019	Info not available	13.2%
2018	Info not available	0
2017	Info not available	19%

(OVER)

3. Applicant Contact Information**Authorized Representative Name:** Eric Faust**Authorized Representative Title:** Finance Officer, Local Government Commission**Mailing Address Line 1:** PO Box 9**Mailing Address Line 2:****City:** Pikeville**State:** NC**Zip Code:** 27863**Physical Address Line 1:** 105 West School Street**Physical Address Line 2:****Physical Address City:** Pikeville**Physical Address State:** NC**Physical Address Zip Code:** 27863**Phone Number:** 919-242-5126**E-Mail Address:** eric.faust@nctreasurer.com**4. Application Preparer Contact Information****Firm Name:** McDavid Associates, Inc.**Contact Name:** David E. Gurley, III, P.E.**Mailing Address Line 1:** PO Box 1776**Mailing Address Line 2:****City:** Goldsboro**State:** NC**Zip Code:** 27533**Physical Address Line 1:** 109 E. Walnut Street**Physical Address Line 2:****Physical Address City:** Goldsboro**Physical Address State:** NC**Physical Address Zip Code:** 27530**Phone Number:** 919-736-7630**E-Mail Address:** deg@mcdavid-inc.com**5. Engineer Contact Information**Is the engineering firm different from the application preparer? Yes No**Engineering Firm Name:** McDavid Associates, Inc.**Contact Name:** David E. Gurley, III, P.E.**Mailing Address 1:** PO Box 1776**Mailing Address 2:****City:** Goldsboro**State:** NC**Zip Code:** 27533**Physical Address Line 1:** 109 E. Walnut Street**Physical Address Line 2:****Physical Address City:** Goldsboro**Physical Address State:** NC**Physical Address Zip Code:** 27530**Phone Number:** 919-736-7630**E-Mail Address:** deg@mcdavid-inc.com

6. Project Description (see Instructions)

The Town of Pikeville is a distressed community with an assigned "Total Assessment Score" of 19. The Town's financial affairs are currently being administered by the Local Government Commission. The Town is currently listed on the Division of Water Resources Moratorium list. The Town has many needs to bring its sewer utility to a viable position. The project will focus on tackling Infiltration/Inflow (I/I) issues, renovation/rehabilitation of the WWTP, expansion/repair of the spray irrigation fields, expansion of the plant capacity by adding spray fields and the construction of a public works operations building. The Town received a Notice of Violation Letter and a Notice of Deficiency Letter for exceeding the monthly flow limit at the WWTP for the months of January and February 2021. These violations are directly related to old/damaged gravity sewer lines/manholes that allow Infiltration/Inflow to the collection system and conveyed to the Town's WWTP. This project is directed at resolving the problems that have brought about the violations.

Pikeville owns and operates a 140,000 GPD wastewater treatment and irrigation currently under a Special Order by Consent (SOC) issued March 15, 2017. The SOC requires the Town address its inability to properly treat and dispose of wastewater during high flow events resulting from storms. In response to the SOC, The Town recently replaced approximately 4,000 LF of aged gravity sewer lines and lined approximately 1,500 feet of gravity sewer to address the Town's I/I issues. The Town recently finished constructing WWTP improvements including the addition of a new holding structure (15 MG) and an additional 17-acre irrigation field.

The Town of Pikeville's gravity collection system experiences high amounts of I/I in turn causing overloading issues at the Town's wastewater treatment plant (WWTP). The project involves removal and replacement of gravity sewer lines that are 40 years of age within Collingwood Subdivision and relocation of a sewage pump station situated in a manhole in a subdivision street.

Localized flooding in Collingwood Subdivision, especially during storm events such as Hurricane Florence in September 2018, greatly contributes to the high flows at the WWTP resulting in non-compliance issues. Collingwood is served by an antiquated submersible pump station (Pump Station 2) constructed about 1974 in the center of a street intersection, with the only access to the pump station being a standard 24-inch diameter manhole ring and cover. Sewer lines within the subdivision were sliplined with HDPE liners in 2006; however, I/I is currently a significant problem as illustrated by pump run times during wet weather months creating localized flooding such as March (pump run times averaged 16.3 hours/day) and April 2019 (pump run times averaged 18.4 hours/day) versus dry weather months such as October (pump run times averaged 0.9 hours/day) and November 2019 (pump run times averaged 1.0 hours/day). WWTP average flows during these same months were 202,528 gpd in March, 269,692 gpd in April, 63,649 gpd in October and 72,555 gpd in November 2019. Run times during and following Hurricane Florence for four days were not recorded due to the loss of power at Pump Station 2. A portable pump was used for the duration the power outage. A downstream SSO (copy provided as exhibit) occurred due to the high flows. The pump station is in very poor condition with extremely difficult and dangerous access for operation and maintenance activities. The Town proposes to replace existing Pump Station 2 with a new pump station constructed at a new site (vacant lot) approximately 1,000 feet north of existing Pump Station 2. In order to move the pump station and provide gravity service to all current homes, new gravity collection lines will be necessary which will replace the 40+ year old lines currently allowing infiltration. Watertight manhole covers will be placed on manholes to eliminate flood water entering in the form of Inflow. Also, new service lines will be run to the right-of-way/property line. Many cleanouts on the service lines have become compromised over the years either from being hit with a mower blade or being driven over. This allows Inflow where rainwater can enter the cleanouts stack where a cap was "mowed off" or Infiltration where the pipe may have been damaged below ground where it cracked from the weight of vehicle traffic. These issues may be resolved by including a mini manhole cover over the new cleanout.

The Town received a funding in the form of \$500,000 loan forgiveness to replace lines along Booker Street from the September 2021 application round. Lines tied to these lines (installed in the same original project) are proposed to be replaced by funding in this application. The lines run from Booker Street along the west side of the CSX railroad to the Town outfall that eventually makes its way to the Town WWTP. In the same project, lines were placed in Harvey Street which runs parallel the railroad on the east side. The lines are made of truss material. The characteristics of truss pipe cause it to be susceptible to infiltration. The pipe is made of a thin outer and inner wall surrounding a truss system. These thin outer walls are easily cut and punctured during handling and installation. These cuts and punctures allow water to travel into the truss system and enter the collection system through compromises in the inner wall or at the nearest downstream manhole. In addition, the pipe does not hold up well to services. Once the pipe is cut for a lateral service, the truss system is open to allow water to enter and travel to the next downstream manhole. The type of gasket and strap system used for the lateral service will tend to crush or deform the truss pipe at the service hole due to the lack of ring string caused by the thin outer wall. With the deformed shape, there is no way for the service to gasket to make a secure seal at the service hole leading to infiltration. The old lines would be removed and replaced with modern materials superior

to the truss pipe. In combination with replacing the old lines, the existing manholes would be replaced to include watertight covers and new service lines to the right-of-way. In times of heavy rains, the area becomes flooded. Water covers the manhole covers and enters the collection system as Inflow. New watertight covers will lessen the likelihood of Inflow into the system.

The Town intended to address several issues at the Town's WWTP in the most recent renovation project that had to be removed due to budget issues. These items (WWTP renovations) need to be addressed in this project: 12" piping from the WWTP EQ to the EQ Return Pump Station, Modification of the EQ Pump Station, Modification of the EQ Structure, Modifications of Pumps 3 & 4, Modification of the Return Pump Station, WWTP Exterior Painting, Filter Painting, WWTP Interior Painting, and Fencing. The renovations are on treatment equipment over 20 years in age. See the attached Contract No. 16 "Negotiated Revised Scope of Work" from the most recent project that shows the work that was removed from that project.

The Town has developers desiring to develop subdivisions within the Town due to the Town's proximity to I-795 and the associated interchange at Pikeville-Princeton Road. The Town is in a position to grow its tax base by adding homesites and helping the Town's utility to become more viable through the addition of customers. The Town is currently on the State's moratorium list due to the past issues with flow at the WWTP. By continuing the work of ridding the collection system of I/I and undergoing the addition of spray fields, the Town could take in the new residents. The Town intends to apply to increase its daily flow capacity from 140,000 GPD to 210,000 GPD. This will require expanding/repairing the Town's current spray fields as well as purchasing additional land for another spray field. The fixed set spray field at the WWTP has not been utilized in several years due to disrepair. Repairs of the system to put it in service are included in this project. The Town owns additional land across Main Street from the WWTP adjacent to Center Pivot #2 that will be used for spray irrigation in this project. Land will need to be purchased nearby to provide additional spray field area. This will require an 8" force main from the WWTP to the new site.

The Town's current public works building located on Main Street is undersized and is in severe disrepair with a faulty roofing system. There is insufficient room to store critical equipment out of the elements. The building is in poor overall condition due to its age and the Town's inability to fund repairs. The Town proposes to construct a public works operations building at the WWTP site. The building would include a lab, offices, restrooms and storage for equipment and supplies.

Estimated number of new connections served by project (if applicable): 0

For Construction Projects and Pre-Construction Planning Grants only:

The proposed project is a result of an Asset Inventory and Assessment Grant previously awarded by the Division?

The proposed project is a result of a Merger / Regionalization Feasibility Grant previously awarded by the Division?

None of the above.

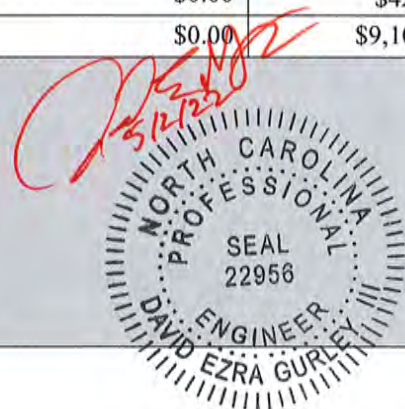
7. Additional Information for Consideration

8a. Project Budget (for Construction Projects and Pre-Construction Planning Grants only)

	Division Funding Requested	Other Secured Funding Source(s)	Total Cost Amount
Indicate construction costs by line item (e.g., linear feet of different-sized lines)			
<u>Construction Costs</u>			
I/I Point Repairs/5 EA Manhole Replacement	\$250,000.00	\$0.00	\$250,000.00
Collingwood Pump Station	\$475,000.00	\$0.00	\$475,000.00
Collingwood San Sewer Repl (3,550 LF @ \$200/LF)	\$710,000.00	\$0.00	\$710,000.00
Harvey Street San Sewer Repl (960 LF @ \$200/LF)	\$192,000.00	\$0.00	\$192,000.00
Booker Street 10" Outfall Repl (1,900 LF @ \$175.00)	\$332,500.00	\$0.00	\$332,500.00
Manholes (20 EA @ \$7,500/EA)	\$150,000.00	\$0.00	\$150,000.00
Cleanout Repairs (75 EA @ \$400/EA)	\$30,000.00	\$0.00	\$30,000.00
Cleanout Covers (275 EA @ \$300/EA)	\$82,500.00	\$0.00	\$82,500.00

WWTP Renovations (See CN 16 Memo of Neg Work)	\$1,050,000.00	\$0.00	\$1,050,000.00
WWTP Operations Building	\$1,250,000.00	\$0.00	\$1,250,000.00
WWTP Fixed Spray Field Repairs	\$300,000.00	\$0.00	\$300,000.00
WWTP Fencing (7,000 LF @ \$60/LF)	\$420,000.00	\$0.00	\$420,000.00
Expand Spray Field #2 Fixed Set	\$300,000.00	\$0.00	\$300,000.00
8" Force Main from WWTP to New Spray Field (11,500 LF @ \$75.00/LF)	\$862,500.00	\$0.00	\$862,500.00
Undercut Excavation (750 CY @ \$40/CY)	\$30,000.00	\$0.00	\$30,000.00
Borrow Fill for Undercut Excav (750 CY @ \$30/CY)	\$22,500.00	\$0.00	\$22,500.00
No. 57 Stone for Undercut Excav (750 CY @ \$70/CY)	\$52,500.00	\$0.00	\$52,500.00
Staking Allowance	\$15,000.00	\$0.00	\$15,000.00
Controls Allowance	\$25,000.00	\$0.00	\$25,000.00
Geotechnical Foundation Inspection Allowance	\$10,000.00	\$0.00	\$10,000.00
Electrical Service Allowance	\$50,000.00	\$0.00	\$50,000.00
Subtotal	\$6,609,500.00	\$0.00	\$6,609,500.00
Contingency (10% of construction costs)	\$661,000.00	\$0.00	\$661,000.00
Construction Administration	\$447,788.00	\$0.00	\$447,788.00
Construction Observation	\$347,400.00	\$0.00	\$347,400.00
Construction Subtotal:	\$8,065,688.00	\$0.00	\$8,065,688.00
<u>Engineering Costs</u>			
Engineering Design			
- Engineering	\$520,500.00	\$0.00	\$520,500.00
- Engineering Additional Services	\$30,000.00	\$0.00	\$30,000.00
- Engineering Reimbursables	\$2,500.00	\$0.00	\$2,500.00
Permitting	\$30,000.00	\$0.00	\$30,000.00
Land Surveying Cost	\$25,000.00	\$0.00	\$25,000.00
Engineering Subtotal:	\$608,000.00	\$0.00	\$608,000.00
<u>Administration Costs</u>			
Engineering Report	\$50,000.00	\$0.00	\$50,000.00
Legal Costs	\$13,312.00	\$0.00	\$13,312.00
Environmental Document Preparation	\$10,000.00	\$0.00	\$10,000.00
Other – Land for Expanded Spray Field	\$350,000.00	\$0.00	\$350,000.00
Other - Reimbursables	\$3,000.00	\$0.00	\$3,000.00
Administration Subtotal:	\$426,312.00	\$0.00	\$426,312.00
TOTAL PROJECT COST:	\$9,100,000.00	\$0.00	\$9,100,000.00

A Professional Engineer signature and seal for the estimate *must be provided* in the space to the right for the application to be considered complete.



Certification by Authorized Representative

The attached statements and exhibits are hereby made part of this application, and the undersigned representative of the Applicant certifies that the information in this application and the attached statements and exhibits are true, correct, and complete to the best of his/her knowledge and belief. By initialing each item and signature at the end of this application, he/she further certifies that:

EHF

1. as Authorized Representative, he/she has been authorized to file this application by formal action of the governing body;

EHF

2. the governing body agrees to provide for proper short-term and long-term maintenance and operation of the approved project after its completion;

EHF

3. the Applicant has substantially complied with or will comply with all federal, state, and local laws, rules, and regulations and ordinances as applicable to this project;

EHF

4. the Applicant will adopt and place into effect on or before the completion of the project a schedule of fees and charges which will provide for the adequate and proper operation, maintenance, and administration and repayment of all principal and interest on loans (if applicable) of the project;

EHF

5. the Applicant has followed proper accounting and fiscal reporting procedures, as evidenced by the Applicant's most recent audit report, and that the Applicant is in substantial compliance with provision of the general fiscal control laws of the State;

EHF

6. the Project Budget for construction projects and pre-construction planning grants provided in this application form (if applicable) includes all funding requested from all sources of funding proposed for this project;

EHF

7. the (Town or County), North Carolina is organized and chartered under the laws of North Carolina, or the special purpose unit of local government is incorporated under the laws of North Carolina. All officials and employees are aware of, and in full compliance with NCGS 14-234, "Public officers or employees benefiting from public contracts; exceptions." (For units of local government only. All others should initial "N/A");

EHF

8. the Applicant acknowledges that all loans, and Viable Utility Reserve grants, are subject to approval by the Local Government Commission;

EHF

9. the Applicant acknowledges that, in accordance with G.S. 120-157.2, for local government debt to be issued greater than \$1,000,000, the local government must report to Committee Chairs, Committee Assistant, and the Fiscal Research Division of the General Assembly at least 45 days prior to presentation before the Local Government Commission (For units of local government only. All others should initial "N/A"); and

EHF

10. if the Applicant receives a grant with American Rescue Plan Act (ARPA) State Fiscal Recovery Funds, the Applicant acknowledges and accepts the following conditions:

- a) all ARPA project funds must be reimbursed by December 31, 2026;
- b) project funds will not be used to pay existing debt or as a match for other federal funds;
- c) if the project is also funded with other federal funds, the federal requirements of the other funds will apply to the ARPA funds; and
- d) for projects receiving ten million dollars or more in ARPA funding: recipients must certify or provide plans and reports meeting federal requirements on reporting on prevailing wage rates, project labor agreements, and related information as specified in the U.S. Treasury's [Compliance and Reporting Guidance for the State and Local Fiscal Recovery Funds](#) (pages 21-22).

Completeness Checklist

*In addition to this application, **the following items must be included for a complete application package. Incomplete applications will not be considered.** Please initial that each item is included in this submittal.*

- EHF Resolution by Governing Body of Applicant with Certification by Recording Officer*
- EHF Water & Sewer Financial Information Form*
- EHF Fund Transfer Certification*
- EHF Applicable Priority Rating System Form* with supporting narratives and documentation
- EHF Affordability Calculator* or handwritten affordability calculations
- EHF Current rate sheets in effect on application deadline (for both water and sewer if the utility provides both water and sewer, or for water or sewer depending on the utility service)
- EHF PE Seal on project budget (construction projects and pre-construction planning grants only. All others initial "N/A")
- EHF Supporting documentation/maps for construction projects that connect residences in disadvantaged, underserved areas to water/wastewater utility (if applicable. If not applicable, initial "N/A")

* Forms and templates are available separately on the [Division's website](#).

**** For each application, please provide copies that are bound (e.g., report cover with fasteners, plastic report combs, spiral or 3-ring binders). No paper clips, staples or binder clasps. ****

Submittal Information

- Send one (1) **original hard copy** and one (1) **electronic copy** of the Application.

Send complete Application package to:

Mailing Address[†] (US Postal Service only)

Division of Water Infrastructure
1633 Mail Service Center
Raleigh, NC 27699-1633

Physical Address (FedEx, UPS)[‡]

Division of Water Infrastructure – 8th Floor, Archdale Building
512 North Salisbury Street
Raleigh, NC 27604
919.707.9160

[†]Please allow two weeks for delivery if mailing via the US Postal Service.

[‡]For all courier services, please use the physical address, as having a courier deliver to the mailing address will delay package delivery.

Application Signature

Please note: original signatures are required for each application.



SIGNATURE OF AUTHORIZED REPRESENTATIVE

Eric Faust, Finance Officer,
 TYPED NAME Local Government Commission, TYPED TITLE
 April 26, 2022, DATE

Project Narrative

2022 SANITARY SEWER IMPROVEMENTS - WASTEWATER RESERVE FUND

Town of Pikeville, North Carolina

RATING SYSTEM NARRATIVE WASTEWATER IMPROVEMENTS PROJECT TOWN OF PIKEVILLE MAY 2022

Description

The Town of Pikeville, North Carolina is located in the northern central part of Wayne County, centered around the intersection of NCSR 1002 and US Highway 117 in the coastal plain of North Carolina. Pikeville is approximately 15 miles north of Goldsboro and 3 miles south of Fremont. A map of the Town is included as Appendix A.

The Town of Pikeville owns, operates, and maintains public water and sewer systems for the Town's residents. The Town constructed its wastewater treatment plant and put it into operation in 1981 with a capacity of 0.140 MGD. In December 2020, the Town completed renovation/expansion plans of their existing wastewater treatment plant by adding storage and an additional spray irrigation field. In an effort to cut down on infiltration/inflow issues that have plagued the Town, the Town completed a sanitary sewer rehabilitation project March 2021. Approximately 4,000 LF of gravity sewer lines were replaced and 1,500 LF were lined with a flexible resin liner. Two outdated, undersized pump stations were replaced with one new pump station.

The Town still has many issues that are required to get to a viable system. Efforts to reduce Infiltration and Inflow need to continue.

There are many issues with the WWTP that need to be addressed many of which weren't addressed in the aforementioned project due to unavailable funds. The Town is poised to take on new subdivisions due to its proximity to Interstate 795. Developers are showing interest but have been put on hold due to the Town's current moratorium listing. The Town proposes to repair a fixed set irrigation system at the WWTP as well as add irrigation equipment at Spray Field 2. The Town also intends to purchase additional land to put the Town in position to expand their WWTP capacity from 140,000 gallons per day to 210,000 gallons per day. Developers will be responsible for line extensions to accommodate the new subdivisions.

The Town needs a central modern location for the Public Works Department. The current building being used is in severe disrepair and has a faulty roof system. It also is not of a size sufficient to house necessary equipment that staff needs to maintain the water and sewer system. It is proposed to build an Operations Building at the WWTP. The WWTP has no lab or restroom. The proposed building can accommodate all of the needs of the Town's Public Works Department.

The Town of Pikeville is a distressed community with an assigned “Total Assessment Score” of 19. A copy of the Distressed Unit Designation letter is included in the Supporting Documentation. **The Town’s financial affairs are currently being administered by the Local Government Commission.**

CATEGORY 1 – PROJECT PURPOSE

Points are claimed for Items 1.C and 1.C.1

Item 1.C – Rehabilitation and Replacement (15 points):

The Town of Pikeville proposes to construct improvements to the Town’s wastewater collection system to further tackle infiltration/inflow issues that convey extraneous water to the Town’s wastewater treatment plant (WWTP) as well as make improvements at the Town’s WWTP.

There are five (5) sanitary sewer manholes in the pavement and edge of pavement constructed of brick in US Highway 117 from the intersection with Main Street to the outfall on the south side of Town. Each of these manholes show severe decay and infiltration even in dry periods of the year. Gravity sanitary sewer lines that flow through these manholes were lined in a rehabilitation project in 2007. The manholes were not replaced due to the cost involved because of their location in a major road, US Highway 117. During wet periods these manholes can allow several thousand gallons per day through the porous joints and missing mortar spaces. These manholes need to be replaced and the Town can only rely on grant funds to do so. A copy of the as-built plans from the rehabilitation project is included in the Supporting Documentation section. Also, included is an invoice from a repair in 2020 for MH A11. Manhole A11 is in the shoulder of US 117. Between the manholes being within the pavement in a heavily traveled road and the inflation seen in the last two years, these manhole replacements are expected to be as much as \$50,000 each.

Proposed improvements include relocation of a 1970’s era sewage pump station along with associated gravity collection lines within the Collingwood Subdivision. The pump station and lines were installed by the developer of the Collingwood Subdivision. The pump station is made up of a four (4) foot diameter with duplex pumps situated in the middle of the intersection of Tina and Collingwood. The outdated control panel is mounted on a utility pole at the right-of-way. There are several damaged cleanouts in the subdivision. The subdivision suffers from poor drainage and many yards go under water during heavy rains causing stormwater to enter the compromised cleanouts. The Town has investigated making drainage improvements but has not had the funds to correct the issues. It is necessary that the services be replaced to include cast iron covers to protect the cleanouts. Pictures of the pump station, control panel and drainage issues in the subdivision are included in the Supporting Documentation section.

It is also proposed to replace 10” truss gravity sewer that was installed in 1981 adjacent to Booker Street and Harvey Street. New manholes will be replaced with the gravity sewer lines. The manholes will include watertight covers.

The LGC and Rural Water together recently smoked tested the Town’s sewer system. The testing showed many broken cleanouts that are possibly allowing stormwater to enter the collection system as well as possible connections at storm drains. The cleanouts in yards are easily damaged either by a car driving over the cleanout or a being hit by a lawnmower. It is proposed to repair the cleanouts beyond where replacement linework will take place. Once the cleanouts are replaced, a cast iron cleanout cover will be placed over and around the cleanout lid to protect the cleanout from future damage. It is proposed to place the cleanout lids on all cleanouts in Town that do not already have one. The results of the smoke testing are included in the Supporting Documentation section.

CATEGORY 1.C POINTS CLAIMED = 15

Item 1.C.1 – Pumps Stations Greater than 20 Years Old and Sewer Lines Greater than 40 Years Old (10 points):

The pump station and gravity sewer lines in Collingwood Subdivision were installed in the 1970’s by a developer. The 10” gravity sewer lines of truss material north of Booker Street and on Harvey Street were installed in 1981. Plans showing the Booker Street and Harvey Street work are included in the Supporting Documentation Section.

CATEGORY 1.C.1 POINTS CLAIMED = 10

TOTAL CATEGORY 1 PTS CLAIMED = 25

CATEGORY 2 – PROJECT BENEFITS

2.E.2 – Project directly resolves a Notice of Violation or Notice of Deficiency (3 points):

The Town has received a Notice of Violation (NOV) and a Notice of Deficiency (NOD) due to exceeding the allowable flow at the WWTP for the months of January and February 2021. The Town is also listed on the NC Division of Water Resources Moratorium List. These violations are directly related to old/damaged gravity sewer lines/manholes allowing in extraneous water thereby overloading the gravity system and the Town's WWTP. Copies of the NOV and NOD are included in the Supporting Documents section. By rehabilitating sewer lines targeted in this project, less extraneous water will be able to enter the sewer system.

CATEGORY 2.E.2 POINTS CLAIMED = 3

CATEGORY 2 POINTS CLAIMED = 3

CATEGORY 3 - SYSTEM MANAGEMENT

3.B – System Operating Ratio is greater than or equal to 1.00 based on a current audit, or is less than 1.00 and unit cost is greater than 2.5% (5 points):

$$\text{Operating Ratio} = \frac{\text{Operating Revenues}}{(\text{Total Expenditures} + \text{Debt Principal} + \text{Interest} + \text{Capital Outlay})}$$

The Town’s 2020 Financial Report indicates Operating Revenues to be \$722,837, Expenditures to be \$489,024, Debt Principal to be \$25,000 and Interest to be \$3,879, for a System Operating Ratio of 1.40 (\$722,837/\$517,903). Copies of the “Water and Sewer Fund” pages from the Town’s 2018 - 2020 Financial Reports are provided as Attachments to this application. The combined water and sewer rate (water rate of \$68.60 for 5,000 gallons and sewer rate of \$107.15 for 5,000 gallons) of \$175.75 compared to the Town’s MHI of \$46,964 indicates the combined water/sewer rate is 4.49% of MHI (\$175.75 x 12/\$46,964), which exceeds the 2.5% threshold for claiming the 5 points provided in this category. A Certification illustrating current water/sewer rates charged for a 5,000 gallon/month residential user is included as an Attachment to this application.

CATEGORY 3.B POINTS CLAIMED = 5

CATEGORY 3 POINTS CLAIMED = 5

CATEGORY 4 – AFFORDABILITY

4.A.3 – Residential Connections:

Pikeville has 407 residential sewer connections, which qualifies Pikeville for 8 points in this category.

CATEGORY 4.A.3 POINTS CLAIMED = 8

4.B.2 – Current Monthly Utility Rates at 5,000 Usage:

Current Water and Sewer Rate Structure for in-town residents.

Water: \$31.00 base charge and \$7.52/1,000 gallons for usage.

Sewer: \$31.00 base charge \$15.23/1,000 gallons for usage.

Rate for 5,000 gallons is: \$68.60 for water and \$107.75 for sewer for a total rate of \$175.75. A certification of water and sewer rates is provided in Tab 3.

CATEGORY 4.B.2 POINTS CLAIMED = 10

4.C.2 – Local Government Unit Indicators:

5 of the 5 LGU Indicators for the Town of Pikeville are worse than the State benchmarks.

Population Change: -19.31%

Poverty Rate: 17.7%

Median Household Income: \$46,964

Unemployment: 4.1%

Calculated Property Value per Capita: \$78,224

CATEGORY 4.C.2 POINTS CLAIMED = 7

CATEGORY 4 POINTS CLAIMED = 15

TOTAL POINTS CLAIMED ALL CATEGORIES = 58

SUPPORTING DOCUMENTATION

Distressed Unit Designation Letter

Map of Sanitary Sewer System

Project Maps

HWY 117 Manholes Replacement

Smoke Testing Report

NC Moratorium List

Notices of Deficiency and Violation

WWTP Flow Record

2020 Local Water Supply Plan

Work Deleted from CN 16 Memo of Negotiation

Affordability Spreadsheet Calculator



North Carolina Department of Environmental Quality
Division of Water Infrastructure
Application for Funding



(Last updated: February 2022)

1. General Information

Applicant Name Town of Robersonville	County Martin	DUNS Number 046607040
--	-------------------------	---------------------------------

Project Name Meter Replacement Project	Federal Tax ID # 56-6001321	PWSID # (if applicable) NC 04 59 015
--	---------------------------------------	--

Applicant Type	Total Project Cost \$1,140,576	Funding Amount Requested \$1,140,576
<input checked="" type="checkbox"/> Municipality <input type="checkbox"/> Sanitary District		
<input type="checkbox"/> County <input type="checkbox"/> Non-Profit Water Corporation		
<input type="checkbox"/> Water and Sewer District <input type="checkbox"/> Other (Specify:)		
<input type="checkbox"/> Water and Sewer Authority		

Funding Type(s) Requested

<input type="checkbox"/> Asset Inventory and Assessment (AIA) Grant	<input checked="" type="checkbox"/> Construction Project
<input type="checkbox"/> Merger/Regionalization Feasibility (MRF) Grant	↳ <input checked="" type="checkbox"/> Drinking Water
<input type="checkbox"/> Pre-Construction Planning Grant (without construction)	↳ <input type="checkbox"/> Wastewater
<input type="checkbox"/> Other: _____	↳ <input type="checkbox"/> CWSRF Green Project: stream restoration, stormwater BMP, reclaim water

Acceptance of Funding Offer (for Construction Projects only)

These questions will be used to identify the best funding fit. Funding from the American Rescue Plan Act (ARPA) is available as grants, and principal forgiveness is available from the State Revolving Funds.

1. I am willing to accept funding that includes federal conditions. Yes No
2. I will only accept a funding offer (loan and/or grant) if a minimum of \$1,140,576 is offered as a grant or principal forgiveness. Enter \$0 if you are willing to accept a loan offer with no grant or principal forgiveness.
3. Because of the potential hardship related to a State Revolving Fund and/or State Reserve Program loan, this application seeks to replace the \$ _____ loan awarded to the Insert Project Name (Insert project number) with grant funding. *Note: loans that have already received disbursements are not eligible.*

2. System Parameters

Residential Sewer Connections 712	Residential Water Connections 716
Non-Residential Sewer Connections 110	Non-Residential Water Connections 110
Monthly Sewer Bill per 5,000 gallons \$102.75	Monthly Water Bill per 5,000 gallons \$46.50

Percentage of Utility Bills Collected and Rate Increase Percentages

Year	Percentage of Utility Bills Collected	Rate Increase Percentage
Information Not available	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

(OVER)

3. Applicant Contact Information

Authorized Representative Name: James P. Duncan

Authorized Representative Title: Town Manager

Mailing Address Line 1: PO Box 487

Mailing Address Line 2:

City: Robersonville

State: NC

Zip Code: 27871

Physical Address Line 1: 109 South Main Street

Physical Address Line 2:

Physical Address City: Robersonville

Physical Address State: NC

Physical Address Zip Code: 27871

Phone Number: 252.508.0320

E-Mail Address: manager@townofrobersonville.com

4. Application Preparer Contact Information

Firm Name: Municipal Engineering

Contact Name: Vincent Jude Tomaino, PE

Mailing Address Line 1: 68 Shipwash Drive

Mailing Address Line 2:

City: Garner

State: NC

Zip Code: 27529

Physical Address Line 1: -- same --

Physical Address Line 2:

Physical Address City:

Physical Address State:

Physical Address Zip Code:

Phone Number: 919.772.5393

E-Mail Address: vtomaino@mesco.com

5. Engineer Contact Information

Is the engineering firm different from the application preparer? Yes No

Engineering Firm Name:

Contact Name:

Mailing Address 1:

Mailing Address 2:

City:

State:

Zip Code:

Physical Address Line 1:

Physical Address Line 2:

Physical Address City:

Physical Address State:

Physical Address Zip Code:

Phone Number:

E-Mail Address:

6. Project Description (see Instructions)

The project seeks to replace all the meters in service in the Town of Robersonville with Automated Meter Infrastructure. The actual number of connections is subject to some dispute:

- The LGC's most recent AIA application states 716 residential and 110 other connections for a total of 826 connections;
- The Local Water Supply Plan states 801 Connections;
- The March 2019 Asset Management Plan shows 960 total connections.
- Drinking Water Watch (the regulatory database) states 998 total connections.
- Richard Sink – Directory of Utilities and Public Works emailed the following inventory on 19 April 2022:
 - 2x8-inch, 1x6-inch, 1x4-inch, 10x2-inch, 4x1-inch and 979x0.75-inch for a total of 997 meters. Note that the LWSP shows one unmetered connection.
 - Do be conservative, DWW's total is used with Mr. Sink's inventory of larger meters (DWW shows one more connection, corresponding to the unmetered connection)
 - The cost estimate includes installing new meters on three 2-inch and one 4-inch currently unmetered connections

Estimated number of new connections served by project (if applicable):

N/A

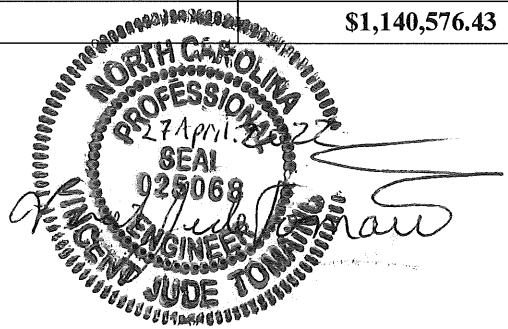
For Construction Projects and Pre-Construction Planning Grants only:

- The proposed project is a result of an Asset Inventory and Assessment Grant previously awarded by the Division?
- The proposed project is a result of a Merger / Regionalization Feasibility Grant previously awarded by the Division?
- None of the above.

7. Additional Information for Consideration

System is in the control of the LGC

(OVER)

8a. Project Budget (for Construction Projects and Pre-Construction Planning Grants only)			
	Division Funding Requested	Other Secured Funding Source(s)	Total Cost Amount
Indicate construction costs by line item (e.g., linear feet of different-sized lines)			
<u>Construction Costs</u>			
Mobilization	\$5,230.40		\$5,230.40
Meters	\$565,010.36		\$565,010.36
Radios and Software	\$292,964.29		\$292,964.29
Setters, boxes & Vaults	\$70,955.33		\$70,955.33
<i>Contingency (10% of construction costs):</i>	\$93,416.04		\$93,416.04
<i>Construction Subtotal:</i>	<i>\$1,027,576.43</i>		<i>\$1,027,576.43</i>
<u>Engineering Costs</u>			
Engineering Design	\$16,500		\$16,500
Permitting	-		-
Land Surveying Costs	\$12,000		\$12,000
<i>Engineering Subtotal:</i>	<i>\$28,500</i>		<i>\$28,500</i>
<u>Administration Costs</u>			
Planning (pre-construction costs)			
Easement Preparation			
Engineering Report Preparation	\$18,000		\$18,000
Environmental Documentation Preparation (if applicable)	\$15,000		\$15,000
Legal Costs	-		-
Compensation for Connection Fees and System Development Fees that will not be charged after connecting residences in disadvantaged, underserved areas (if applicable)	-		-
Project Funding Administration (if applicable)	\$44,000		\$44,000
Other: Bid & Award	\$7,500		\$7,500
Other:			
<i>Administration Subtotal:</i>	<i>\$84,500</i>		<i>\$84,500</i>
TOTAL PROJECT COST:	\$1,140,576.43		\$1,140,576.43
<p>A Professional Engineer signature and seal for the estimate <i>must be provided</i> in the space to the right for the application to be considered complete.</p>			

8b. Project Budget (for AIA and MRF grants, and training and/or rate study components to other projects)	
	Division Funding Requested
Not Applicable	
TOTAL DIVISION FUNDING REQUESTED:	

(OVER)

Certification by Authorized Representative

The attached statements and exhibits are hereby made part of this application, and the undersigned representative of the Applicant certifies that the information in this application and the attached statements and exhibits are true, correct, and complete to the best of his/her knowledge and belief. By initialing each item and signature at the end of this application, he/she further certifies that:

LD
LD
LD
LD
LD
LD
LD
LD
LD
LD

1. as Authorized Representative, he/she has been authorized to file this application by formal action of the governing body;
2. the governing body agrees to provide for proper short-term and long-term maintenance and operation of the approved project after its completion;
3. the Applicant has substantially complied with or will comply with all federal, state, and local laws, rules, and regulations and ordinances as applicable to this project;
4. the Applicant will adopt and place into effect on or before the completion of the project a schedule of fees and charges which will provide for the adequate and proper operation, maintenance, and administration and repayment of all principal and interest on loans (if applicable) of the project;
5. the Applicant has followed proper accounting and fiscal reporting procedures, as evidenced by the Applicant's most recent audit report, and that the Applicant is in substantial compliance with provision of the general fiscal control laws of the State;
6. the Project Budget for construction projects and pre-construction planning grants provided in this application form (if applicable) includes all funding requested from all sources of funding proposed for this project;
7. the (Town or County), North Carolina is organized and chartered under the laws of North Carolina, or the special purpose unit of local government is incorporated under the laws of North Carolina. All officials and employees are aware of, and in full compliance with NCGS 14-234, "Public officers or employees benefiting from public contracts; exceptions." (For units of local government only. All others should initial "N/A");
8. the Applicant acknowledges that all loans, and Viable Utility Reserve grants, are subject to approval by the Local Government Commission;
9. the Applicant acknowledges that, in accordance with G.S. 120-157.2, for local government debt to be issued greater than \$1,000,000, the local government must report to Committee Chairs, Committee Assistant, and the Fiscal Research Division of the General Assembly at least 45 days prior to presentation before the Local Government Commission (For units of local government only. All others should initial "N/A"); and
10. if the Applicant receives a grant with American Rescue Plan Act (ARPA) State Fiscal Recovery Funds, the Applicant acknowledges and accepts the following conditions:
 - a) all ARPA project funds must be reimbursed by December 31, 2026;
 - b) project funds will not be used to pay existing debt or as a match for other federal funds;
 - c) if the project is also funded with other federal funds, the federal requirements of the other funds will apply to the ARPA funds; and
 - d) for projects receiving ten million dollars or more in ARPA funding: recipients must certify or provide plans and reports meeting federal requirements on reporting on prevailing wage rates, project labor agreements, and related information as specified in the U.S. Treasury's Compliance and Reporting Guidance for the State and Local Fiscal Recovery Funds (pages 21-22).

Completeness Checklist

In addition to this application, the following items must be included for a complete application package. Incomplete applications will not be considered. Please initial that each item is included in this submittal.

- WJT Resolution by Governing Body of Applicant with Certification by Recording Officer*
- WJT Water & Sewer Financial Information Form*
- WJT Fund Transfer Certification*
- WJT Applicable Priority Rating System Form* with supporting narratives and documentation
- WJT Affordability Calculator* or handwritten affordability calculations
- WJT Current rate sheets in effect on application deadline (for both water and sewer if the utility provides both water and sewer, or for water or sewer depending on the utility service)
- WJT PE Seal on project budget (construction projects and pre-construction planning grants only. All others initial "N/A")
- WJT Supporting documentation/maps for construction projects that connect residences in disadvantaged, underserved areas to water/wastewater utility (if applicable. If not applicable, initial "N/A")

* Forms and templates are available separately on the [Division's website](#).

**** For each application, please provide copies that are bound (e.g., report cover with fasteners, plastic report combs, spiral or 3-ring binders). No paper clips, staples or binder clasps. ****

Submittal Information

- Send one (1) **original hard copy** and one (1) **electronic copy** of the Application.

Send complete Application package to:

Mailing Address† (US Postal Service only)

Division of Water Infrastructure
1633 Mail Service Center
Raleigh, NC 27699-1633

Physical Address (FedEx, UPS)‡

Division of Water Infrastructure – 8th Floor, Archdale Building
512 North Salisbury Street
Raleigh, NC 27604
919.707.9160

†Please allow two weeks for delivery if mailing via the US Postal Service.

‡For all courier services, please use the physical address, as having a courier deliver to the mailing address will delay package delivery.

Application Signature

Please note: original signatures are required for each application.



SIGNATURE OF AUTHORIZED REPRESENTATIVE

James P. Duncan

TYPED NAME

Town Manager

TYPED TITLE

4/27/22

DATE

BACKGROUND

The Town of Robersonville is a distressed system that has been taken over by the Local Government Commission.

Robersonville received previous Asset Inventory and Assessment grants in 2013 and 2016 that led to prior projects, including the following:

- WIF1953 *Water System Improvements* ±8,760 LF 6-inch PVC Main, ±6,200 LF Water Main Abandonment & related appurtenances.
- H-SRP-D-17-0082 *Convert Chlorination Method* Convert Chlorination Method at five existing wellhouses from gaseous chlorine to liquid chlorine feed, install SCADA.

Also informed by the previous AIAs, Robersonville will submit the following applications for the Spring 2022 round:

- A VUR AIA for the combined sewer system;
- Additional rehabilitation at the WWTP;
- Abandon all remaining 2-inch galvanized waterline, and change all connections to newer/larger connections (either existing waterlines or new replacements for the 2-inch galvanized waterlines).

The project seeks to replace all the meters in service in the Town of Robersonville with Automated Meter Technology. The project also installs new meters on currently un-metered connections. The actual number of existing connections is subject to dispute:

- The LGC's most recent AIA application lists 826 total connections (broken out as 716 residential and 110 other connections); [Tab 9]
- Drinking Water Watch (the regulatory database) lists 998 total connections (residential connections not broken out);[Tab 10]
- The Local Water Supply Plan lists 805 total connections (800 residential); [Tab 11]
- The March 2019 Asset Management Plan lists 960 total connections (residential connections not broken out). [Tab 12]

On 22 April, 2022, the Director of Utilities and Public Works (Richard Sink) discovered that four existing connections lacked any meter. So, the project also installs three new 2-inch meters and one new 4-inch meter, along with all required setters, boxes and vaults. Because these meters are retrofit onto existing connections, these new meters are considered "rehabilitation".

The project places meters on 998 total connections.

PROJECT PURPOSE

LINE ITEM 1.C (REPLACEMENT) AND LINE ITEM 1.C.1 (AGE)

Meter replacement projects are categorically denied these priority points. The *Guidance* states:

A project can include residential meter replacement/installation for those meters that are on waterlines being installed, replaced, or rehabilitated. Otherwise, projects that include residential meter replacement do not earn points under this line item.

This is an injustice. So, this Application requests these **twelve priority points for Line item 1.C and eight priority points for Line Item 1.C.1.**

The Chief Operator, Richard Sink, stated on 14 April 2022 that (*based on his knowledge of the system*) most meters are original to the waterlines on which they are installed. Thus, the overwhelming majority of the meters are over 40 years old. Tab 13 shows an email exchange documenting that one meter, still installed downtown and being used for billing, is ±95 years old.

PROJECT BENEFITS

NA

SYSTEM MANAGEMENT

LINE ITEM 3.B – SYSTEM OPERATING RATIO

The *Guidance*... defines the Operating Ratio by the formula below:

$$= \frac{\textit{Operating Revenues}}{\textit{(Total Expenditures + Debt Principal + Interest + Capital Outlay)}}$$

$$\textit{Operating Ratio} = \frac{\$566,536}{(\$495,251 + \$16,413 + \$2,394 + \$38,281)}$$

$$\textit{Operating Ratio} = \frac{\$566,536}{(\$552,339)}$$

$$\textit{Operating Ratio} = 1.03$$

The application earns **five points** for Operating Ratio using the information in the *Financial Information Form* for the most recent year with an approved audit, FY2017. Note that the application would also earn priority under this Line item based on the User Charge-to-MHI ratio.



AFFORDABILITY

LINE ITEM 4.A.3

As discussed under “Background”, all sources state that Robersonville has fewer than 1,000 Residential Water connections, earning **eight priority points**.

LINE ITEM 4.B

Robersonville’s rate sheet appears as page 4 of the attached Town of Robersonville FYE June 30 2022 Budget Ordinance for the Town of Robersonville, attached as Tab 8. Robersonville’s combined utility rate of \$149.25/mo earns **ten priority points**, as calculated below.

The residential user charge for drinking water for 5kgal/month is

$$\$22/\text{mo (base)} + \$4.90/\text{kgal} * 5\text{kgal}/\text{mo} =$$

$$\$22/\text{mo (base)} + \$24.50/\text{mo} = \$46.50/\text{mo}$$

The residential user charge for wastewater for 5kgal/month is

$$\$33/\text{mo (base)} + 150\% \text{ of water bill} =$$

$$\$33/\text{mo (base)} + 150\% * \$46.50/\text{mo} =$$

$$\$33/\text{mo (base)} + \$69.75/\text{mo} = \$102.75/\text{mo}$$

The total residential user charge for wastewater for 5kgal/month is

$$\$46.50/\text{mo} + \$102.75/\text{mo} = \$149.25$$

LINE ITEM 4.C

According to the attached affordability spreadsheet, Robersonville has three of five LGU indicators worse than state benchmarks, earning **three priority points**.

Division of Water Infrastructure, Combined Program Application Review Checklist

Priority Point Summary	Applicant	Reviewer
	CW Points	
Total =	65	54
Category 1 Project Purpose	25	25
Category 2 Project Benefits	18	3
Category 3 System Management	5	5
Category 4 Affordability	17	21

Applicant Name: Eureka, Town of

Project Name: Wastewater Collection System Improvements

Project Purpose As Scored: Replacement, like-for-like

Project Description: Replacement of approximately 12,390 lf of 8-inch and 3,669 lf of 10-inch gravity sewer; replacement of 1,835 lf of 4-inch and 10,568 lf 8-inch force mains; replacement of 66 manholes ; replacement and reconnection of 115 sewer later; replacement of existing Baker St pump station and installation of new back-up generator (All replacements will be like-for-like); removal and disposal of gravity sewers; abandonment of of force mains.

Reviewer: Tesfu

Final Check (Initial/date): TT/5/18/2022

Affordability Calculator Results:	100%	grant % OR PF %
Final Grant Determination:	100%	grant % OR PF %
Principal Forgiveness Eligible ?	Yes	
Targeted Interest Rate Eligible ?	Yes	
GREEN Project ?	No	
ARPA Category?	Distressed	

Drinking Water

Wastewater/Stormwater

1. I am willing to accept funding that includes Federal Conditions.	Yes
2. I will only accept a funding offer (loan and/or grant) if this minimum amount as a grant or principal forgiveness:	\$0

Completed and Signed Application form:	Yes
Signed Resolution	Yes
Provided Water and Sewer Rate Sheet:	Yes
Water and Sewer Financial Information Form, completed and signed:	Yes
Signed Fund Transfer Certification	Yes

Select Applicant from menu: Eureka

Designated as "Distressed" in accordance with NCGS 159G-45? Yes

VUR Assessment Criteria Score: 6

Wholesale-only service provider? No

Affordability Calculator grant eligibility % from Application	
--	--

Number of Residential Sewer connections =	115
Number of Non-Residential Sewer connections =	0

	LGU/County #1	LGU/County #2	LGU/County #3	LGU/County #4	Total:		State Benchmarks are:	Worse than state benchmark?
Dropdown Menu for Unit →	Eureka				100%			
LGU Coverage (% of service area)	100%				100%			
Population:	187							
Population Change:	29.86%				29.86%	<=	4.26%	No
Poverty Rate:	5.9				5.9	=>	14.7	No
Median Houshousehold Income:	\$40,893				\$40,893	<=	\$54,602	Yes
Unemployment:	4.1				4.1	=>	3.9	Yes
Total Appraised Value of Property:	\$11,296,539							
Calculated Prop. Val. per Capita =	\$60,409	\$0	\$0	\$0	\$60,409	<=	\$119,594	Yes

# of Indicators worse than State Benchmark =	3
---	----------

Single water or sewer provider or combined? **Single water or sewer provider**

	Water Rates	Sewer Rates
Reviewer Verified Rates for 5,000 gallons	\$0.00	\$98.75
Effective combined bill for 5,000 gallons:	\$164.58	
Calculated Combined Utility Rate/MHI =	4.83%	Used in Line Item 3.C (Operating Ratio)

Project Cost = **\$14,999,900** From Application Budget Sheet, Page 4

Operating Revenues =	\$92,798	From Financial Information Form, page 1
Total Expenditures =	\$147,832	From Financial Information Form, page 1
Debt Principal =	\$0	From Financial Information Form, page 1
Interest =	\$0	From Financial Information Form, page 1
Capital Outlay =	\$0	From Financial Information Form, page 1
Operating Ratio (calculated) =	0.6277	Calculated using LCG data listed above.

Notes

Notes

		CW Points Applied ↓↑	Applicant Claimed Points		Reviewer	
Line Item	Category 1 – Project Purpose	CW Points	yes (x)	CW Points	yes (x)	CW Points
		25				
1.A	Project will consolidate a nonviable drinking water OR wastewater utility	25		0		0
1.B	Project will resolve failed infrastructure issues <input type="checkbox"/> Project serves disadvantaged, underserved communities	15		0		0
1.C	Project will rehabilitate or replace infrastructure	15	x	15	x	15
1.C.1	Treatment units, pumps and/or pump stations to be rehabilitated or replaced are greater than 20 years old, OR water/sewer lines, storage tanks, drinking water wells or intake structures to be rehabilitated or replaced are greater than 40 years old	10	x	10	x	10
1.D	Project will expand infrastructure	2		0		0
1.D.1	Treatment units, pumps and/or pump stations to be rehabilitated or replaced are greater than 20 years old, OR lines, storage tanks, drinking water wells or intake structures to be rehabilitated or replaced are greater than 40 years old	10		0		0
1.E	Reserved for the CDBG Program					
1.F	Project will provide stream/wetland/buffer restoration (GREEN)	15		0		0
1.F.1	Restoration project that includes restoration of a first order stream and includes stormwater infiltration BMPs	5		0		0
1.F.2	Restoration project that includes restoration and / or protection of riparian buffers to at least 30 feet on both sides of the stream	5		0		0
1.G	Project will provide stormwater BMPs to treat existing sources of pollution (GREEN)	20		0		0
1.G.1	Project that includes BMPs or BMPs in series that achieve at least 35% nutrient reduction (both TN and TP) and 85% TSS reduction	10		0		0
1.H	Project will provide reclaimed water/usage or rainwater harvesting/usage (GREEN)	15		0		0
Subtotal for Category 1 – Project Purpose				25		25
Category 2 – Project Benefits		Max Points = 35		CW Points		CW Points
2.A	Reserved for the CDBG Program					
2.B	Project provides a specific public health benefit to a public water supply system by replacement, repair, or merger; includes replacing dry wells, addressing contamination of a drinking water source by replacing or additional treatment; or resolves managerial, technical & financial issues			0		0
2.C	Project provides a specific environmental benefit by replacement, repair, or merger; includes replacing failing septic tanks	15	x	15		0
2.D	Project addresses promulgated but not yet effective regulations	10		0		0
2.E	Project directly addresses enforcement documents					
2.E.1	Project directly addresses an EPA Administrative Order for a local government applicant located in a Tier 1 county, or addresses an existing or pending SOC or DENR Administrative Order OR	5		0		0
2.E.2	Project directly resolves a Notice of Violation or Notice of Deficiency	3		0		0
2.F	Project includes system merger	10		0		0
2.G	Project addresses documented low pressure			0		0
2.H	Project addresses contamination					
2.H.1	Project addresses acute contamination of a water supply source OR			0		0
2.H.2	Project addresses contamination of a water supply source other than acute OR			0		0
2.H.3	Project addresses an emerging compound without a MCL but above advisory level			0		0
2.I	Project improves treated water quality by adding or upgrading a unit process	3		0		0
2.J	Water loss in system to be rehabilitated or replaced is 30% or greater			0		0
2.K	Project provides a public water system interconnection					
2.K.1	Project creates a new interconnection between systems not previously interconnected OR			0		0
2.K.2	Project creates an additional or larger interconnection between two systems already interconnected which allows one system's public health water needs to be met during an emergency OR			0		0
2.K.3	Project creates any other type of interconnection between systems			0		0
2.L - 2.M	Reserved for the CDBG Program			0		0
2.N	Project provides redundancy/resiliency for critical treatment functions:					
2.N.1	Project relocates infrastructure from 100-year floodplain to outside 500-year floodplain OR	8		0		0

				Approved ↓ ↓	Applicant Claimed Points		Reviewer	
2.N.2	Project relocates infrastructure out of a 100-year floodplain OR			5		0		0
2.N.3	Project relocates infrastructure from between the 100-year and 500-year floodplains to outside a 500-year floodplain OR			3		0		0
2.N.4	Project fortifies or elevates infrastructure within floodplain OR			4		0		0
2.N.5	Project improves ability to assure continued operation during flood events OR			4		0		0
2.N.6	Project downsizes infrastructure related to buyouts OR			4		0		0
2.N.7	Project provides redundancy/resiliency for critical treatment and/or transmission/distribution system functions including backup electrical power source.			3	x	3	x	3
2.O	Project <u>directly benefits</u> subwatersheds that are impaired as noted on the most recent version of the Integrated Report			20		0		0
2.P	Project <u>directly benefits</u> waters classified as HQW, ORW, Tr, SA, WS-I, WS-II, WS-III* or WS-IV* (* these classifications must be covered by an approved Source Water Protection Plan to qualify)			10		0		0
2.Q	Project will result in elimination of an NPDES discharge			3		0		0
2.R	Primary purpose of the project is to achieve at least 20% reduction in energy use (GREEN)			5		0		0
Subtotal for Category 2 – Project Benefits						18		3
Category 3 – System Management				Max Points =	15	CW Points		CW Points
3.A	Capital Planning Activities							
3.A.1	Applicant has implemented an Asset Management Plan as of the date of application OR			10		0		0
3.A.2	Applicant has a current Capital Improvement Plan (CIP) that spans at least 10-years and proposed project is included in the plan			2		0		0
3.B	Operating Ratio = 0.63	Combined Utility Rate/MHI = 4.83%	System Operating Ratio is greater than or equal to 1.00 based on a current audit, OR is less than 1.00 and unit cost is greater than 2.5%	5	x	5	x	5
<input type="checkbox"/> Calculation and Narrative show over last 5 years: OR > 1.0								
3.C	Applicant has an approved Source Water Protection Plan and/or a Wellhead Protection Plan					0		0
3.D	Applicant has implemented a water loss reduction program					0		0
3.E	Applicant has implemented a water conservation incentive rate structure					0		0
Subtotal for Category 3 – System Management						5		5
Category 4 – Affordability				Max Points =	25	CW Points		CW Points
4.A	Residential Connections = 115	Less than 10,000 residential connections = 2 point, OR Less than 5,000 residential connection = 4 points, OR Less than 1,000 residential connection = 8 points		Calculation	Key in Points Claimed ==>>	8	x	8
4.B	Current Effective Combined Monthly Utility Rates per 5,000 gallons = \$164.58	Greater than \$79 = 4 point, OR Greater than \$90 = 6 points, OR Greater than \$107 = 8 points, OR Greater than \$129 = 10 points		Calculation	Key in Points Claimed ==>>	6	x	10
4.C	Number of LGU Indicators = 3	3 out of 5 LGU indicators worse than state benchmark = 3 point, OR 4 out of 5 LGU indicators worse than state benchmark = 5 points, OR 5 out of 5 LGU indicators worse than state benchmark = 7 points		Calculation	Key in Points Claimed ==>>	3	X	3
4.D & 4.E	Reserved for the CDBG Program							
Subtotal for Category 4 – Affordability						17		21
Total of Points for All Categories:				100		65		54

NOTES:

2.C No pts given for specific environmental benefits they are claiming pts based on their financials taken over by LGC and their sewer system is not viable without financial grant to complete this project

Approved
↓ ↓

Applicant Claimed Points

Reviewer

Approved ↓ ↓	Applicant Claimed Points	Reviewer

Division of Water Infrastructure, Combined Program Application Review Checklist

Priority Point Summary	Applicant	Reviewer
	CW Points	
Total =	57	41
Category 1 Project Purpose	15	15
Category 2 Project Benefits	18	0
Category 3 System Management	5	5
Category 4 Affordability	19	21

Applicant Name: Town of Kingstown
Project Name: Lift Station and Force Main Improvements
Project Purpose As Scored: Rehabilitation
Project Description: Improvements to three lift stations (Kingstown, Petty Rd, and Union School) and replacement of several Air release valves (ARV) on existing force mains.

Reviewer: Tesfu
Final Check (Initial/date): TT 5/27/2022

Affordability Calculator Results:	75%	grant % OR PF %
Final Grant Determination:	75%	grant % OR PF %
Principal Forgiveness Eligible ?	Yes	
Targeted Interest Rate Eligible ?	Yes	
GREEN Project ?	No	
ARPA Category?	Distressed	

Drinking Water

Wastewater/Stormwater

1. I am willing to accept funding that includes Federal Conditions.	Yes
2. I will only accept a funding offer (loan and/or grant) if this minimum amount as a grant or principal forgiveness:	\$0

Completed and Signed Application form:	Yes
Signed Resolution	Yes
Provided Water and Sewer Rate Sheet:	Yes
Water and Sewer Financial Information Form, completed and signed:	Yes
Signed Fund Transfer Certification	Yes

Select Applicant from menu:	Kingstown
Designated as "Distressed" in accordance with NCGS 159G-45?	Yes
VUR Assessment Criteria Score:	11
Wholesale-only service provider?	No

Affordability Calculator grant eligibility % from Application	75%
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Number of Residential Sewer connections =	184
Number of Non-Residential Sewer connections =	15

	LGU/County #1	LGU/County #2	LGU/County #3	LGU/County #4	Total:		State Benchmarks are:	Worse than state benchmark?
Dropdown Menu for Unit →	Kingstown				100%			
LGU Coverage (% of service area)	100%							
Population:	492							
Population Change:	-33.69%				-33.69%	<=	4.26%	Yes
Poverty Rate:	11				11	=>	14.7	No
Median Houshousehold Income:	\$41,667				\$41,667	<=	\$54,602	Yes
Unemployment:	4				4	=>	3.9	Yes
Total Appraised Value of Property:	\$18,548,237							
Calculated Prop. Val. per Capita =	\$37,700	\$0	\$0	\$0	\$37,700	<=	\$119,594	Yes
							# of Indicators worse than State Benchmark =	4

Single water or sewer provider or combined?	Single water or sewer provider	
	Water Rates	Sewer Rates
Reviewer Verified Rates for 5,000 gallons	\$0.00	\$67.00
Effective combined bill for 5,000 gallons:	\$111.67	
Calculated Combined Utility Rate/MHI =	3.22%	Used in Line Item 3.C (Operating Ratio)

Project Cost =	\$1,568,760	From Application Budget Sheet, Page 4
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Operating Revenues =	\$144,196	From Financial Information Form, page 1
Total Expenditures =	\$158,326	From Financial Information Form, page 1
Debt Principal =	\$14,389	From Financial Information Form, page 1
Interest =	\$1,399	From Financial Information Form, page 1
Capital Outlay =	\$0	From Financial Information Form, page 1
Operating Ratio (calculated) =	0.8282	Calculated using LCG data listed above.

Notes
Notes

			CW Points Applied ↓↑	Applicant Claimed Points		Reviewer	
Line Item	Category 1 – Project Purpose	Max Points =	CW Points	yes (x)	CW Points	yes (x)	CW Points
1.A	Project will consolidate a nonviable drinking water OR wastewater utility	25			0		0
1.B	Project will resolve failed infrastructure issues <input type="checkbox"/> Project serves disadvantaged, underserved communities	15			0		0
1.C	Project will rehabilitate or replace infrastructure	15		x	15	x	15
1.C.1	Treatment units, pumps and/or pump stations to be rehabilitated or replaced are greater than 20 years old, OR water/sewer lines, storage tanks, drinking water wells or intake structures to be rehabilitated or replaced are greater than 40 years old	10			0		0
1.D	Project will expand infrastructure	2			0		0
1.D.1	Treatment units, pumps and/or pump stations to be rehabilitated or replaced are greater than 20 years old, OR lines, storage tanks, drinking water wells or intake structures to be rehabilitated or replaced are greater than 40 years old	10			0		0
1.E	Reserved for the CDBG Program						
1.F	Project will provide stream/wetland/buffer restoration (GREEN)	15			0		0
1.F.1	Restoration project that includes restoration of a first order stream and includes stormwater infiltration BMPs	5			0		0
1.F.2	Restoration project that includes restoration and / or protection of riparian buffers to at least 30 feet on both sides of the stream	5			0		0
1.G	Project will provide stormwater BMPs to treat existing sources of pollution (GREEN)	20			0		0
1.G.1	Project that includes BMPs or BMPs in series that achieve at least 35% nutrient reduction (both TN and TP) and 85% TSS reduction	10			0		0
1.H	Project will provide reclaimed water/usage or rainwater harvesting/usage (GREEN)	15			0		0
Subtotal for Category 1 – Project Purpose					15		15
Category 2 – Project Benefits			Max Points =		CW Points		CW Points
2.A	Reserved for the CDBG Program						
2.B	Project provides a specific public health benefit to a public water supply system by replacement, repair, or merger; includes replacing dry wells, addressing contamination of a drinking water source by replacing or additional treatment; or resolves managerial, technical & financial issues				0		0
2.C	Project provides a specific environmental benefit by replacement, repair, or merger; includes replacing failing septic tanks	15		x	15		0
2.D	Project addresses promulgated but not yet effective regulations	10			0		0
2.E	Project directly addresses enforcement documents						
2.E.1	Project directly addresses an EPA Administrative Order for a local government applicant located in a Tier 1 county, or addresses an existing or pending SOC or DENR Administrative Order OR	5			0		0
2.E.2	Project directly resolves a Notice of Violation or Notice of Deficiency	3			0		0
2.F	Project includes system merger	10			0		0
2.G	Project addresses documented low pressure				0		0
2.H	Project addresses contamination						
2.H.1	Project addresses acute contamination of a water supply source OR				0		0
2.H.2	Project addresses contamination of a water supply source other than acute OR				0		0
2.H.3	Project addresses an emerging compound without a MCL but above advisory level				0		0
2.I	Project improves treated water quality by adding or upgrading a unit process	3			0		0
2.J	Water loss in system to be rehabilitated or replaced is 30% or greater				0		0
2.K	Project provides a public water system interconnection						
2.K.1	Project creates a new interconnection between systems not previously interconnected OR				0		0
2.K.2	Project creates an additional or larger interconnection between two systems already interconnected which allows one system's public health water needs to be met during an emergency OR				0		0
2.K.3	Project creates any other type of interconnection between systems				0		0
2.L - 2.M	Reserved for the CDBG Program				0		0
2.N	Project provides redundancy/resiliency for critical treatment functions:						
2.N.1	Project relocates infrastructure from 100-year floodplain to outside 500-year floodplain OR	8			0		0

				Approved ↓ ↓	Applicant Claimed Points		Reviewer	
2.N.2	Project relocates infrastructure out of a 100-year floodplain OR			5		0		0
2.N.3	Project relocates infrastructure from between the 100-year and 500-year floodplains to outside a 500-year floodplain OR			3		0		0
2.N.4	Project fortifies or elevates infrastructure within floodplain OR			4		0		0
2.N.5	Project improves ability to assure continued operation during flood events OR			4		0		0
2.N.6	Project downsizes infrastructure related to buyouts OR			4		0		0
2.N.7	Project provides redundancy/resiliency for critical treatment and/or transmission/distribution system functions including backup electrical power source.			3	x	3		0
2.O	Project <u>directly benefits</u> subwatersheds that are impaired as noted on the most recent version of the Integrated Report			20		0		0
2.P	Project <u>directly benefits</u> waters classified as HQW, ORW, Tr, SA, WS-I, WS-II, WS-III* or WS-IV* (* these classifications must be covered by an approved Source Water Protection Plan to qualify)			10		0		0
2.Q	Project will result in elimination of an NPDES discharge			3		0		0
2.R	Primary purpose of the project is to achieve at least 20% reduction in energy use (GREEN)			5		0		0
Subtotal for Category 2 – Project Benefits						18		0
Category 3 – System Management				Max Points =	15		CW Points	CW Points
3.A	Capital Planning Activities							
3.A.1	Applicant has implemented an Asset Management Plan as of the date of application OR			10		0		0
3.A.2	Applicant has a current Capital Improvement Plan (CIP) that spans at least 10-years and proposed project is included in the plan			2		0		0
3.B	Operating Ratio = 0.83	Combined Utility Rate/MHI = 3.22%	System Operating Ratio is greater than or equal to 1.00 based on a current audit, OR is less than 1.00 and unit cost is greater than 2.5%	5	x	5	x	5
<input type="checkbox"/> Calculation and Narrative show over last 5 years: OR > 1.0								
3.C	Applicant has an approved Source Water Protection Plan and/or a Wellhead Protection Plan					0		0
3.D	Applicant has implemented a water loss reduction program					0		0
3.E	Applicant has implemented a water conservation incentive rate structure					0		0
Subtotal for Category 3 – System Management						5		5
Category 4 – Affordability				Max Points =	25		CW Points	CW Points
4.A	Residential Connections = 184	Less than 10,000 residential connections = 2 point, OR Less than 5,000 residential connection = 4 points, OR Less than 1,000 residential connection = 8 points		Calculation	Key in Points Claimed ==>>	8	x	8
4.B	Current Effective Combined Monthly Utility Rates per 5,000 gallons = \$111.67	Greater than \$79 = 4 point, OR Greater than \$90 = 6 points, OR Greater than \$107 = 8 points, OR Greater than \$129 = 10 points		Calculation	Key in Points Claimed ==>>	6	x	8
4.C	Number of LGU Indicators = 4	3 out of 5 LGU indicators worse than state benchmark = 3 point, OR 4 out of 5 LGU indicators worse than state benchmark = 5 points, OR 5 out of 5 LGU indicators worse than state benchmark = 7 points		Calculation	Key in Points Claimed ==>>	5	x	5
4.D & 4.E	Reserved for the CDBG Program							
Subtotal for Category 4 – Affordability						19		21
Total of Points for All Categories:				100		57		41

NOTES:

2.C	No environmental benefits. Although SSO occurred at one ARV (its location shown on a Map) and discharge reached surface water the ARV was "permanently repaired". One portion of the intent of this project is to replace several existing ARV along a force main to avoid future potential SSOs
2.N.7	No redundancy pts given. Project involves replacing existing generators and electrical improvements.
4.B.2	Applicant claimed 6 pts but should have claimed 8 as their effective rate is greater than \$107. The other project claims correct pts, i.e. 8

Approved
↓ ↓

Applicant Claimed Points

Reviewer

Approved ↓ ↓	Applicant Claimed Points	Reviewer

Division of Water Infrastructure, Combined Program Application Review Checklist

Priority Point Summary	Applicant	Reviewer
	CW Points	
Total =	56	41
Category 1 Project Purpose	15	15
Category 2 Project Benefits	15	0
Category 3 System Management	5	5
Category 4 Affordability	21	21

Affordability Calculator Results:	75%	grant % OR PF %
Final Grant Determination:	75%	grant % OR PF %
Principal Forgiveness Eligible ?	Yes	
Targeted Interest Rate Eligible ?	Yes	
GREEN Project ?	No	
ARPA Category?	Distressed	

Applicant Name: Town of Kingstown

Project Name: Macedonia Church Rd Gravity Sewer Replacement

Project Purpose As Scored: Replacement

Project Description: Replacement of approximately 657 lf of 4-inch sewer main with -8 inch sewer main along Macedonia Church Rd that was originally poorly installed and has sags and backs up into Macedonia Baptist Church. Applicant considers this as like-for-like.

Reviewer: Tesfu

Final Check (Initial/date): TT 5/27/2022

Drinking Water

Wastewater/Stormwater

1. I am willing to accept funding that includes Federal Conditions.	Yes
2. I will only accept a funding offer (loan and/or grant) if this minimum amount as a grant or principal forgiveness:	\$280,320

Completed and Signed Application form:	Yes
Signed Resolution	Yes
Provided Water and Sewer Rate Sheet:	Yes
Water and Sewer Financial Information Form, completed and signed:	Yes
Signed Fund Transfer Certification	Yes

Select Applicant from menu: Kingstown

Designated as "Distressed" in accordance with NCGS 159G-45? Yes

VUR Assessment Criteria Score: 11

Wholesale-only service provider? No

Affordability Calculator grant eligibility % from Application	75%
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Number of Residential Sewer connections =	184
Number of Non-Residential Sewer connections =	15

	LGU/County #1	LGU/County #2	LGU/County #3	LGU/County #4	Total:		State Benchmarks are:	Worse than state benchmark?
Dropdown Menu for Unit →	Kingstown				100%			
Population:	492							
Population Change:	-33.69%				-33.69%	<=	4.26%	Yes
Poverty Rate:	11				11	=>	14.7	No
Median Houshousehold Income:	\$41,667				\$41,667	<=	\$54,602	Yes
Unemployment:	4				4	=>	3.9	Yes
Total Appraised Value of Property:	\$18,548,237							
Calculated Prop. Val. per Capita =	\$37,700	\$0	\$0	\$0	\$37,700	<=	\$119,594	Yes

# of Indicators worse than State Benchmark =	4
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Single water or sewer provider or combined? Single water or sewer provider

	Water Rates	Sewer Rates
Reviewer Verified Rates for 5,000 gallons	\$0.00	\$67.00
Effective combined bill for 5,000 gallons:	\$111.67	
Calculated Combined Utility Rate/MHI =	3.22%	Used in Line Item 3.C (Operating Ratio)

Project Cost = \$280,320 From Application Budget Sheet, Page 4

Operating Revenues =	\$144,196	From Financial Information Form, page 1
Total Expenditures =	\$158,326	From Financial Information Form, page 1
Debt Principal =	\$14,389	From Financial Information Form, page 1
Interest =	\$1,399	From Financial Information Form, page 1
Capital Outlay =	\$0	From Financial Information Form, page 1
Operating Ratio (calculated) =	0.8282	Calculated using LCG data listed above.

Notes

Notes

			CW Points Applied ↓↑	Applicant Claimed Points		Reviewer	
Line Item	Category 1 – Project Purpose	Max Points =	CW Points	yes (x)	CW Points	yes (x)	CW Points
1.A	Project will consolidate a nonviable drinking water OR wastewater utility	25	25		0		0
1.B	Project will resolve failed infrastructure issues <input type="checkbox"/> Project serves disadvantaged, underserved communities	15	15		0		0
1.C	Project will rehabilitate or replace infrastructure	15	15	x	15	x	15
1.C.1	Treatment units, pumps and/or pump stations to be rehabilitated or replaced are greater than 20 years old, OR water/sewer lines, storage tanks, drinking water wells or intake structures to be rehabilitated or replaced are greater than 40 years old	10	10		0		0
1.D	Project will expand infrastructure	2	2		0		0
1.D.1	Treatment units, pumps and/or pump stations to be rehabilitated or replaced are greater than 20 years old, OR lines, storage tanks, drinking water wells or intake structures to be rehabilitated or replaced are greater than 40 years old	10	10		0		0
1.E	Reserved for the CDBG Program						
1.F	Project will provide stream/wetland/buffer restoration (GREEN)	15	15		0		0
1.F.1	Restoration project that includes restoration of a first order stream and includes stormwater infiltration BMPs	5	5		0		0
1.F.2	Restoration project that includes restoration and / or protection of riparian buffers to at least 30 feet on both sides of the stream	5	5		0		0
1.G	Project will provide stormwater BMPs to treat existing sources of pollution (GREEN)	20	20		0		0
1.G.1	Project that includes BMPs or BMPs in series that achieve at least 35% nutrient reduction (both TN and TP) and 85% TSS reduction	10	10		0		0
1.H	Project will provide reclaimed water/usage or rainwater harvesting/usage (GREEN)	15	15		0		0
Subtotal for Category 1 – Project Purpose					15		15
Category 2 – Project Benefits			Max Points = 35		CW Points		CW Points
2.A	Reserved for the CDBG Program						
2.B	Project provides a specific public health benefit to a public water supply system by replacement, repair, or merger; includes replacing dry wells, addressing contamination of a drinking water source by replacing or additional treatment; or resolves managerial, technical & financial issues				0		0
2.C	Project provides a specific environmental benefit by replacement, repair, or merger; includes replacing failing septic tanks	15	15	x	15		0
2.D	Project addresses promulgated but not yet effective regulations	10	10		0		0
2.E	Project directly addresses enforcement documents						
2.E.1	Project directly addresses an EPA Administrative Order for a local government applicant located in a Tier 1 county, or addresses an existing or pending SOC or DENR Administrative Order OR	5	5		0		0
2.E.2	Project directly resolves a Notice of Violation or Notice of Deficiency	3	3		0		0
2.F	Project includes system merger	10	10		0		0
2.G	Project addresses documented low pressure				0		0
2.H	Project addresses contamination						
2.H.1	Project addresses acute contamination of a water supply source OR				0		0
2.H.2	Project addresses contamination of a water supply source other than acute OR				0		0
2.H.3	Project addresses an emerging compound without a MCL but above advisory level				0		0
2.I	Project improves treated water quality by adding or upgrading a unit process	3	3		0		0
2.J	Water loss in system to be rehabilitated or replaced is 30% or greater				0		0
2.K	Project provides a public water system interconnection						
2.K.1	Project creates a new interconnection between systems not previously interconnected OR				0		0
2.K.2	Project creates an additional or larger interconnection between two systems already interconnected which allows one system's public health water needs to be met during an emergency OR				0		0
2.K.3	Project creates any other type of interconnection between systems				0		0
2.L - 2.M	Reserved for the CDBG Program				0		0
2.N	Project provides redundancy/resiliency for critical treatment functions:						
2.N.1	Project relocates infrastructure from 100-year floodplain to outside 500-year floodplain OR	8	8		0		0

				Approved ↓ ↓	Applicant Claimed Points		Reviewer	
2.N.2	Project relocates infrastructure out of a 100-year floodplain OR			5		0		0
2.N.3	Project relocates infrastructure from between the 100-year and 500-year floodplains to outside a 500-year floodplain OR			3		0		0
2.N.4	Project fortifies or elevates infrastructure within floodplain OR			4		0		0
2.N.5	Project improves ability to assure continued operation during flood events OR			4		0		0
2.N.6	Project downsizes infrastructure related to buyouts OR			4		0		0
2.N.7	Project provides redundancy/resiliency for critical treatment and/or transmission/distribution system functions including backup electrical power source.			3		0		0
2.O	Project <u>directly benefits</u> subwatersheds that are impaired as noted on the most recent version of the Integrated Report			20		0		0
2.P	Project <u>directly benefits</u> waters classified as HQW, ORW, Tr, SA, WS-I, WS-II, WS-III* or WS-IV* (* these classifications must be covered by an approved Source Water Protection Plan to qualify)			10		0		0
2.Q	Project will result in elimination of an NPDES discharge			3		0		0
2.R	Primary purpose of the project is to achieve at least 20% reduction in energy use (GREEN)			5		0		0
Subtotal for Category 2 – Project Benefits						15		0
Category 3 – System Management				Max Points =	15		CW Points	CW Points
3.A	Capital Planning Activities							
3.A.1	Applicant has implemented an Asset Management Plan as of the date of application OR			10		0		0
3.A.2	Applicant has a current Capital Improvement Plan (CIP) that spans at least 10-years and proposed project is included in the plan			2		0		0
3.B	Operating Ratio = 0.83	Combined Utility Rate/MHI = 3.22%	System Operating Ratio is greater than or equal to 1.00 based on a current audit, OR is less than 1.00 and unit cost is greater than 2.5%	5	x	5	x	5
<input type="checkbox"/> Calculation and Narrative show over last 5 years: OR > 1.0								
3.C	Applicant has an approved Source Water Protection Plan and/or a Wellhead Protection Plan					0		0
3.D	Applicant has implemented a water loss reduction program					0		0
3.E	Applicant has implemented a water conservation incentive rate structure					0		0
Subtotal for Category 3 – System Management						5		5
Category 4 – Affordability				Max Points =	25		CW Points	CW Points
4.A	Residential Connections = 184	Less than 10,000 residential connections = 2 point, OR Less than 5,000 residential connection = 4 points, OR Less than 1,000 residential connection = 8 points		Calculation	Key in Points Claimed ==>>	8	x	8
4.B	Current Effective Combined Monthly Utility Rates per 5,000 gallons = \$111.67	Greater than \$79 = 4 point, OR Greater than \$90 = 6 points, OR Greater than \$107 = 8 points, OR Greater than \$129 = 10 points		Calculation	Key in Points Claimed ==>>	8	x	8
4.C	Number of LGU Indicators = 4	3 out of 5 LGU indicators worse than state benchmark = 3 point, OR 4 out of 5 LGU indicators worse than state benchmark = 5 points, OR 5 out of 5 LGU indicators worse than state benchmark = 7 points		Calculation	Key in Points Claimed ==>>	5	x	5
4.D & 4.E	Reserved for the CDBG Program							
Subtotal for Category 4 – Affordability						21		21
Total of Points for All Categories:				100		56		41

NOTES:

2.C No points given. Applicant didn't establish sewer back up occurred into the Macedonia Baptist Church. The narrative says PER prepared by USDA concurs with environmental benefits but it is not possible to confirm if Brian Noll is with USDA.
The church is not shown on the project map provided.

Applied
↓
↓

Applicant Claimed Points

Reviewer

Applied ↓ ↓	Applicant Claimed Points	Reviewer

Division of Water Infrastructure, Combined Program Application Review Checklist

Priority Point Summary	Applicant	Reviewer
	CW Points	
Total =	58	30
Category 1 Project Purpose	25	0
Category 2 Project Benefits	3	0
Category 3 System Management	5	5
Category 4 Affordability	25	25

Applicant Name: Pikeville, Town of
Project Name: 2022 WW Improv Proj.
Project Purpose As Scored: Rehab/Replc.
Project Description: Tackling I/I issues, renov/Rehab of the WWTP, expansion/repair of the spray irrigation fields, expansion of capacity by adding spray fields and constr of a PUB works operation building. Current funding (\$500k loan PF) for Booker Street project (Application SEPT 2021) will connect to this sewer project. WWTP renovations that were removed from prior project(Contract #16): 12-IN pipe from WWTP EQ to EQ PS, EQ PS and pumps #3 & #4, Return PS, painting. Repair fixed set spray fields, add fields on Town land and purchase additional land and install 8-IN FM from WWTP to site. New PubWkls Bldg,

Reviewer: JEB
Final Check (Initial/date): JEB 6/1/2022

Affordability Calculator Results:	100%	grant % OR PF %
Final Grant Determination:	0%	grant % OR PF %
Principal Forgiveness Eligible ?	No	
Targeted Interest Rate Eligible ?	No	
GREEN Project ?	No	
ARPA Category?	Distressed	

Drinking Water

Wastewater/Stormwater

1. I am willing to accept funding that includes Federal Conditions.	Yes
2. I will only accept a funding offer (loan and/or grant) if this minimum amount as a grant or principal forgiveness:	\$910,000

Completed and Signed Application form:	Problem
Signed Resolution	Yes
Provided Water and Sewer Rate Sheet:	Yes
Water and Sewer Financial Information Form, completed and signed:	Yes
Signed Fund Transfer Certification	Yes

Select Applicant from menu:	Pikeville
Designated as "Distressed" in accordance with NCGS 159G-45?	Yes
VUR Assessment Criteria Score:	19
Wholesale-only service provider?	No

Affordability Calculator grant eligibility % from Application	100%
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Number of Residential Sewer connections =	325
Number of Non-Residential Sewer connections =	55

	LGU/County #1	LGU/County #2	LGU/County #3	LGU/County #4	Total:		State Benchmarks are:	Worse than state benchmark?
Dropdown Menu for Unit →	Pikeville				100%			
LGU Coverage (% of service area)	100%							
Population:	606							
Population Change:	-19.31%				-19.31%	<=	4.26%	Yes
Poverty Rate:	17.7				17.7	=>	14.7	Yes
Median Houshousehold Income:	\$46,964				\$46,964	<=	\$54,602	Yes
Unemployment:	4.1				4.1	=>	3.9	Yes
Total Appraised Value of Property:	\$47,403,758							
Calculated Prop. Val. per Capita =	\$78,224	\$0	\$0	\$0	\$78,224	<=	\$119,594	Yes
							# of Indicators worse than State Benchmark =	5

Single water or sewer provider or combined?	Combined water and sewer provider	
	Water Rates	Sewer Rates
Reviewer Verified Rates for 5,000 gallons	\$68.60	\$107.15
Effective combined bill for 5,000 gallons:	\$175.75	
Calculated Combined Utility Rate/MHI =	4.49%	Used in Line Item 3.C (Operating Ratio)

Project Cost = \$9,100,000 From Application Budget Sheet, Page 4

Operating Revenues =	\$722,837	From Financial Information Form, page 1
Total Expenditures =	\$489,024	From Financial Information Form, page 1
Debt Principal =	\$25,000	From Financial Information Form, page 1
Interest =	\$3,879	From Financial Information Form, page 1
Capital Outlay =	\$0	From Financial Information Form, page 1
Operating Ratio (calculated) =	1.3957	Calculated using LCG data listed above.

Notes

Notes: Taken over by LGC and used FY2020.

		CW Points Applied ↓↑	Applicant Claimed Points		Reviewer	
		CW Points	yes (x)	CW Points	yes (x)	CW Points
Line Item	Category 1 – Project Purpose	Max Points =	25			
1.A	Project will consolidate a nonviable drinking water OR wastewater utility	25		0		0
1.B	Project will resolve failed infrastructure issues <input type="checkbox"/> Project serves disadvantaged, underserved communities	15		0		0
1.C	Project will rehabilitate or replace infrastructure	15	X	15		0
1.C.1	Treatment units, pumps and/or pump stations to be rehabilitated or replaced are greater than 20 years old, OR water/sewer lines, storage tanks, drinking water wells or intake structures to be rehabilitated or replaced are greater than 40 years old	10	X	10		0
1.D	Project will expand infrastructure	2		0		0
1.D.1	Treatment units, pumps and/or pump stations to be rehabilitated or replaced are greater than 20 years old, OR lines, storage tanks, drinking water wells or intake structures to be rehabilitated or replaced are greater than 40 years old	10		0		0
1.E	Reserved for the CDBG Program					
1.F	Project will provide stream/wetland/buffer restoration (GREEN)	15		0		0
1.F.1	Restoration project that includes restoration of a first order stream and includes stormwater infiltration BMPs	5		0		0
1.F.2	Restoration project that includes restoration and / or protection of riparian buffers to at least 30 feet on both sides of the stream	5		0		0
1.G	Project will provide stormwater BMPs to treat existing sources of pollution (GREEN)	20		0		0
1.G.1	Project that includes BMPs or BMPs in series that achieve at least 35% nutrient reduction (both TN and TP) and 85% TSS reduction	10		0		0
1.H	Project will provide reclaimed water/usage or rainwater harvesting/usage (GREEN)	15		0		0
Subtotal for Category 1 – Project Purpose				25		0
Category 2 – Project Benefits		Max Points =	35	CW Points		CW Points
2.A	Reserved for the CDBG Program					
2.B	Project provides a specific public health benefit to a public water supply system by replacement, repair, or merger; includes replacing dry wells, addressing contamination of a drinking water source by replacing or additional treatment; or resolves managerial, technical & financial issues			0		0
2.C	Project provides a specific environmental benefit by replacement, repair, or merger; includes replacing failing septic tanks	15		0		0
2.D	Project addresses promulgated but not yet effective regulations	10		0		0
2.E	Project directly addresses enforcement documents					
2.E.1	Project directly addresses an EPA Administrative Order for a local government applicant located in a Tier 1 county, or addresses an existing or pending SOC or DENR Administrative Order OR	5		0		0
2.E.2	Project directly resolves a Notice of Violation or Notice of Deficiency	3	X	3		0
2.F	Project includes system merger	10		0		0
2.G	Project addresses documented low pressure			0		0
2.H	Project addresses contamination					
2.H.1	Project addresses acute contamination of a water supply source OR			0		0
2.H.2	Project addresses contamination of a water supply source other than acute OR			0		0
2.H.3	Project addresses an emerging compound without a MCL but above advisory level			0		0
2.I	Project improves treated water quality by adding or upgrading a unit process	3		0		0
2.J	Water loss in system to be rehabilitated or replaced is 30% or greater			0		0
2.K	Project provides a public water system interconnection					
2.K.1	Project creates a new interconnection between systems not previously interconnected OR			0		0
2.K.2	Project creates an additional or larger interconnection between two systems already interconnected which allows one system's public health water needs to be met during an emergency OR			0		0
2.K.3	Project creates any other type of interconnection between systems			0		0
2.L - 2.M	Reserved for the CDBG Program			0		0
2.N	Project provides redundancy/resiliency for critical treatment functions:					
2.N.1	Project relocates infrastructure from 100-year floodplain to outside 500-year floodplain OR	8		0		0

				Approved ↓ ↓	Applicant Claimed Points		Reviewer	
2.N.2	Project relocates infrastructure out of a 100-year floodplain OR			5		0		0
2.N.3	Project relocates infrastructure from between the 100-year and 500-year floodplains to outside a 500-year floodplain OR			3		0		0
2.N.4	Project fortifies or elevates infrastructure within floodplain OR			4		0		0
2.N.5	Project improves ability to assure continued operation during flood events OR			4		0		0
2.N.6	Project downsizes infrastructure related to buyouts OR			4		0		0
2.N.7	Project provides redundancy/resiliency for critical treatment and/or transmission/distribution system functions including backup electrical power source.			3		0		0
2.O	Project <u>directly benefits</u> subwatersheds that are impaired as noted on the most recent version of the Integrated Report			20		0		0
2.P	Project <u>directly benefits</u> waters classified as HQW, ORW, Tr, SA, WS-I, WS-II, WS-III* or WS-IV* (* these classifications must be covered by an approved Source Water Protection Plan to qualify)			10		0		0
2.Q	Project will result in elimination of an NPDES discharge			3		0		0
2.R	Primary purpose of the project is to achieve at least 20% reduction in energy use (GREEN)			5		0		0
Subtotal for Category 2 – Project Benefits						3		0
Category 3 – System Management				Max Points =	15		CW Points	
3.A	Capital Planning Activities							
3.A.1	Applicant has implemented an Asset Management Plan as of the date of application OR			10		0		0
3.A.2	Applicant has a current Capital Improvement Plan (CIP) that spans at least 10-years and proposed project is included in the plan			2		0		0
3.B	Operating Ratio = 1.40	Combined Utility Rate/MHI = 4.49%	System Operating Ratio is greater than or equal to 1.00 based on a current audit, OR is less than 1.00 and unit cost is greater than 2.5%	5	X	5	X	5
<input type="checkbox"/> Calculation and Narrative show over last 5 years: OR > 1.0								
3.C	Applicant has an approved Source Water Protection Plan and/or a Wellhead Protection Plan					0		0
3.D	Applicant has implemented a water loss reduction program					0		0
3.E	Applicant has implemented a water conservation incentive rate structure					0		0
Subtotal for Category 3 – System Management						5		5
Category 4 – Affordability				Max Points =	25		CW Points	
4.A	Residential Connections = 325	Less than 10,000 residential connections = 2 point, OR Less than 5,000 residential connection = 4 points, OR Less than 1,000 residential connection = 8 points		Calculation	Key in Points Claimed ==>>	8	X	8
4.B	Current Effective Combined Monthly Utility Rates per 5,000 gallons = \$175.75	Greater than \$79 = 4 point, OR Greater than \$90 = 6 points, OR Greater than \$107 = 8 points, OR Greater than \$129 = 10 points		Calculation	Key in Points Claimed ==>>	10	X	10
4.C	Number of LGU Indicators = 5	3 out of 5 LGU indicators worse than state benchmark = 3 point, OR 4 out of 5 LGU indicators worse than state benchmark = 5 points, OR 5 out of 5 LGU indicators worse than state benchmark = 7 points		Calculation	Key in Points Claimed ==>>	7	X	7
4.D & 4.E	Reserved for the CDBG Program							
Subtotal for Category 4 – Affordability						25		25
Total of Points for All Categories:				100		58		30

NOTES:

*** Applicant may not have typed all the zeros in the "Acceptable Funding Offer" reads \$9,100,00 possibly missing the last zero??? ***

1.C: Narrative nor maps clearly indicate sizing or like for like. 1.C.1: Age does meet >50% project cost.

2.E.2: not clear that this pipe is cause of exceedance.

Approved
↓ ↓

Applicant Claimed Points

Reviewer

Approved ↓ ↓	Applicant Claimed Points	Reviewer

Division of Water Infrastructure, Combined Program Application Review Checklist

Priority Point Summary	Applicant	Reviewer
		DW Points
Total =	46	26
Category 1 Project Purpose	20	0
Category 2 Project Benefits	0	0
Category 3 System Management	5	5
Category 4 Affordability	21	21

Affordability Calculator Results:	100%	grant % OR PF %
Final Grant Determination:	0%	grant % OR PF %
Principal Forgiveness Eligible ?	No	
Targeted Interest Rate Eligible ?	No	
ARPA Category?	Distressed	

Applicant Name: Robersonville, Town of
Project Name: Meter Replacement Project
Project Purpose As Scored: None
Project Description: Replace all meters, approximately 900, in the Town with automatic meter readers.

Reviewer: RDP
Final Check (Initial/date): 5/19/22

Drinking Water



Wastewater/Stormwater

1. I am willing to accept funding that includes Federal Conditions.	Yes
2. I will only accept a funding offer (loan and/or grant) if this minimum amount as a grant or principal forgiveness:	\$1,140,576

Completed and Signed Application form:	Yes
Signed Resolution	Yes
Provided Water and Sewer Rate Sheet:	Yes
Water and Sewer Financial Information Form, completed and signed:	Yes
Signed Fund Transfer Certification	Yes

Select Applicant from menu:	Robersonville
Designated as "Distressed" in accordance with NCGS 159G-45?	Yes
VUR Assessment Criteria Score:	7
Wholesale-only service provider?	No

Affordability Calculator grant eligibility % from Application	100%
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Number of Residential Water connections =	716
Number of Non-Residential Water connections =	110

	LGU/County #1	LGU/County #2	LGU/County #3	LGU/County #4
Dropdown Menu for Unit →	Robersonville			
Name of Unit (if not listed above) →				
LGU Coverage (% of service area)	100%			
Population:	1606			
Population Change:	7.00%			
Poverty Rate:	23.3			
Median Houshousehold Income:	\$33,400			
Unemployment:	3.8			
Total Appraised Value of Property:	\$97,989,654			
Calculated Prop. Val. per Capita =	\$61,015	\$0	\$0	\$0

Total:	100%		
		State Benchmarks are:	Worse than state benchmark?
	7.00%	<=	4.26% No
	23.3	=>	14.7 Yes
	\$33,400	<=	\$54,602 Yes
	3.8	=>	3.9 No
		# of Indicators worse than State Benchmark =	3

Single water or sewer provider or combined?	Combined water and sewer provider	
	Water Rates	Sewer Rates
Reviewer Verified Rates for 5,000 gallons	\$46.50	\$102.75
Effective combined bill for 5,000 gallons:	\$149.25	
Calculated Combined Utility Rate/MHI =	5.36%	Used in Line Item 3.C (Operating Ratio)

Project Cost = \$506,765 From Application Budget Sheet, Page 4

Operating Revenues =	\$566,536	From Financial Information Form, page 1
Total Expenditures =	\$495,251	From Financial Information Form, page 1
Debt Principal =	\$16,413	From Financial Information Form, page 1
Interest =	\$2,394	From Financial Information Form, page 1
Capital Outlay =	\$38,281	From Financial Information Form, page 1
Operating Ratio (calculated) =	1.0257	Calculated using LCG data listed above.

Notes: They provide a single utility financial form when they have both utilities pg. 17, 20. Explanation on funds transfer form pg. 20. Rate sheet pg. 40

Notes: The financial information form is current as of 2017. Refer to fund transfer form, LGC has waived audit requirement for the fiscal years 2018, 2019, and 2020.

			DW Points Applied ↓↑	Applicant Claimed Points		Reviewer	
Line Item	Category 1 – Project Purpose	Max Points =	DW Points	yes (x)	DW Points	yes (x)	DW Points
1.A	Project will consolidate a nonviable drinking water OR wastewater utility	25			0		0
1.B	Project will resolve failed infrastructure issues <input type="checkbox"/> Project serves disadvantaged, underserved communities	25			0		0
1.C	Project will rehabilitate or replace infrastructure	12		X	12		0
1.C.1	Treatment units, pumps and/or pump stations to be rehabilitated or replaced are greater than 20 years old, OR water/sewer lines, storage tanks, drinking water wells or intake structures to be rehabilitated or replaced are greater than 40 years old	8		X	8		0
1.D	Project will expand infrastructure	2			0		0
1.D.1	Treatment units, pumps and/or pump stations to be rehabilitated or replaced are greater than 20 years old, OR lines, storage tanks, drinking water wells or intake structures to be rehabilitated or replaced are greater than 40 years old	8			0		0
1.E	Reserved for the CDBG Program						
1.F	Project will provide stream/wetland/buffer restoration (GREEN)				0		0
1.F.1	Restoration project that includes restoration of a first order stream and includes stormwater infiltration BMPs				0		0
1.F.2	Restoration project that includes restoration and / or protection of riparian buffers to at least 30 feet on both sides of the stream				0		0
1.G	Project will provide stormwater BMPs to treat existing sources of pollution (GREEN)				0		0
1.G.1	Project that includes BMPs or BMPs in series that achieve at least 35% nutrient reduction (both TN and TP) and 85% TSS reduction				0		0
1.H	Project will provide reclaimed water/usage or rainwater harvesting/usage (GREEN)				0		0
Subtotal for Category 1 – Project Purpose					20		0
Category 2 – Project Benefits			Max Points = 35		DW Points		DW Points
2.A	Reserved for the CDBG Program						
2.B	Project provides a specific public health benefit to a public water supply system by replacement, repair, or merger; includes replacing dry wells, addressing contamination of a drinking water source by replacing or additional treatment; or resolves managerial, technical & financial issues	20			0		0
2.C	Project provides a specific environmental benefit by replacement, repair, or merger; includes replacing failing septic tanks				0		0
2.D	Project addresses promulgated but not yet effective regulations	10			0		0
2.E	Project directly addresses enforcement documents						
2.E.1	Project directly addresses an EPA Administrative Order for a local government applicant located in a Tier 1 county, or addresses an existing or pending SOC or DENR Administrative Order OR	5			0		0
2.E.2	Project directly resolves a Notice of Violation or Notice of Deficiency	3			0		0
2.F	Project includes system merger	10			0		0
2.G	Project addresses documented low pressure	10			0		0
2.H	Project addresses contamination						
2.H.1	Project addresses acute contamination of a water supply source OR	15			0		0
2.H.2	Project addresses contamination of a water supply source other than acute OR	10			0		0
2.H.3	Project addresses an emerging compound without a MCL but above advisory level	7			0		0
2.I	Project improves treated water quality by adding or upgrading a unit process	3			0		0
2.J	Water loss in system to be rehabilitated or replaced is 30% or greater	3			0		0
2.K	Project provides a public water system interconnection						
2.K.1	Project creates a new interconnection between systems not previously interconnected OR	10			0		0
2.K.2	Project creates an additional or larger interconnection between two systems already interconnected which allows one system's public health water needs to be met during an emergency OR	10			0		0
2.K.3	Project creates any other type of interconnection between systems	5			0		0
2.L - 2.M	Reserved for the CDBG Program				0		0
2.N	Project provides redundancy/resiliency for critical treatment functions:						
2.N.1	Project relocates infrastructure from 100-year floodplain to outside 500-year floodplain OR	8			0		0

				Approved ↓ ↓	Applicant Claimed Points		Reviewer	
2.N.2	Project relocates infrastructure out of a 100-year floodplain OR			5		0		0
2.N.3	Project relocates infrastructure from between the 100-year and 500-year floodplains to outside a 500-year floodplain OR			3		0		0
2.N.4	Project fortifies or elevates infrastructure within floodplain OR			4		0		0
2.N.5	Project improves ability to assure continued operation during flood events OR			4		0		0
2.N.6	Project downsizes infrastructure related to buyouts OR			4		0		0
2.N.7	Project provides redundancy/resiliency for critical treatment and/or transmission/distribution system functions including backup electrical power source.			3		0		0
2.O	Project <u>directly benefits</u> subwatersheds that are impaired as noted on the most recent version of the Integrated Report					0		0
2.P	Project <u>directly benefits</u> waters classified as HQW, ORW, Tr, SA, WS-I, WS-II, WS-III* or WS-IV* (* these classifications must be covered by an approved Source Water Protection Plan to qualify)					0		0
2.Q	Project will result in elimination of an NPDES discharge					0		0
2.R	Primary purpose of the project is to achieve at least 20% reduction in energy use (GREEN)					0		0
Subtotal for Category 2 – Project Benefits						0		0
Category 3 – System Management				Max Points =	15		DW Points	
3.A	Capital Planning Activities							
3.A.1	Applicant has implemented an Asset Management Plan as of the date of application OR			10		0		0
3.A.2	Applicant has a current Capital Improvement Plan (CIP) that spans at least 10-years and proposed project is included in the plan			2		0		0
3.B	Operating Ratio = 1.03	Combined Utility Rate/MHI = 5.36%	System Operating Ratio is greater than or equal to 1.00 based on a current audit, OR is less than 1.00 and unit cost is greater than 2.5%	5	X	5	X	5
	<input type="checkbox"/> Calculation and Narrative show over last 5 years: OR > 1.0							
3.C	Applicant has an approved Source Water Protection Plan and/or a Wellhead Protection Plan			5		0		0
3.D	Applicant has implemented a water loss reduction program			5		0		0
3.E	Applicant has implemented a water conservation incentive rate structure			3		0		0
Subtotal for Category 3 – System Management						5		5
Category 4 – Affordability				Max Points =	25		DW Points	
4.A	Residential Connections = 716	Less than 10,000 residential connections = 2 point, OR Less than 5,000 residential connection = 4 points, OR Less than 1,000 residential connection = 8 points		Calculation	Key in Points Claimed ==>>	8	X	8
4.B	Current Effective Combined Monthly Utility Rates per 5,000 gallons = \$149.25	Greater than \$79 = 4 point, OR Greater than \$90 = 6 points, OR Greater than \$107 = 8 points, OR Greater than \$129 = 10 points		Calculation	Key in Points Claimed ==>>	10	X	10
4.C	Number of LGU Indicators = 3	3 out of 5 LGU indicators worse than state benchmark = 3 point, OR 4 out of 5 LGU indicators worse than state benchmark = 5 points, OR 5 out of 5 LGU indicators worse than state benchmark = 7 points		Calculation	Key in Points Claimed ==>>	3	X	3
4.D & 4.E	Reserved for the CDBG Program							
Subtotal for Category 4 – Affordability						21		21
Total of Points for All Categories:				100		46		26

NOTES:

- 1.C Residential meter that are on waterlines being installed, replaced, or rehabilitated earn these points. Therefore, no pints given.
- 1.C.1 There is a statement provided from the Chief Operator that the meter is 95 years old confirmed by the company of the meter. However, the project does not meet the requirements.

Approved
↓ ↓

Applicant Claimed Points

Reviewer

Approved ↓ ↓	Applicant Claimed Points	Reviewer