

**Agenda Item M-4.  
Wastewater Projects  
Spring 2022 Application Round**

The colors in this legend represent the example funding scenario described in the Staff Report.	Funded in VUR/State Reserve	
	Funded in VUR/State Reserve and CWSRF	
	Funded in CWSRF	
	Not Funded	

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Min. Acceptable PF/Grant \$	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	
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%	\$2,000,000	\$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	LKC 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%	\$9,198,450	\$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%	\$502,500	\$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%	\$11,718,300	\$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%	\$9,465,600	\$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 3 A.1 points not awarded as the project not clearly identified in CIP.	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%	\$0	\$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 propose any equipment which provides redundancy/resiliency	VUR Funding Cap met	
13	Mount Olive, Town of	Collections 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%	\$1,000,000	\$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%	\$6,415,760	\$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	
16	Bath, Town of	Wastewater-Transmission Project	Beaufort	Rivers & Associates, Inc.	Decommission WWTP and convey wastewater to City of Washington WWTP, install King Street LIR Station and force main. Upgrade lift station 17 and 18.	No	Distressed	100%	\$5,230,000	\$10,230,000	\$5,230,000	\$5,230,000									84	72	25	23	5	19	2.E.2 points not awarded as applicant claimed 2.E.1 points- 2.F points not awarded because there is no merger of ownership of the Town of Bath's wastewater system.	Ineligible. Did not provide necessary resolutions.	
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%	\$14,000,000	\$16,998,400	\$16,998,400		\$15,000,000						\$500,000		\$1,498,400	72	72	12	30	15	15		ARPA Funding Cap met

**Agenda Item M-4.  
Wastewater Projects  
Spring 2022 Application Round**

The colors in this legend represent the example funding scenario described in the Staff Report.	Funded in VUR/State Reserve	
	Funded in VUR/State Reserve and CWSRF	
	Funded in CWSRF	
	Not Funded	

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Min. Acceptable PF/Grant \$	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	
19	Star, Town of	WWTP & Collection System Improvements	Montgomery	LKC 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%	\$1,000,000	\$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. Bypassed because does not qualify for minimum PF/grant requested.
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%	\$5,000,000	\$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 3.A.1 No points awarded as 4 key areas of AMP were not discussed in the narrative.	
22	Fairmont, Town of	Fairmont Collection System Rehabilitation	Robeson	LKC Engineering, PLLC	Replace 30,350 lf gravity sewer and manholes, rehab force main to WWTP.	Yes	Distressed	50%	\$15,000,000	\$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	LKC Engineering, PLLC	Replace 16,250 lf gravity sewer and manholes, replace lift station.	Yes	At-Risk	25%	\$9,556,500	\$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%	\$1,000,000	\$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.	
26	Whitakers, Town of	Porter Street Pump Station Relocation	Edgecombe	Upper Coastal Plain Council of Governments	Relocate pump station outside of 100-year FE, with 500 lf gravity sewer, 5 manholes, new pump station, and 1,200 lf of force main.	Yes	Distressed	100%	\$1,250,000	\$1,750,000	\$1,250,000	\$1,250,000										86	68	25	3	15	25	2.C No points given as no documented SSOs and there is no direct connection to problem. 2.N.3 No points given as flood maps cannot be interpreted related to the location of 100 or 500-year flood zone. 3.A.2 No points given as the applicant cannot claim both 3.A.1 and 3.A.2 points.	
27	Morehead City, Town of	2022 ARPA WWTP Improvements Project	Carteret	McDavid Associates, Inc.	WWTP improvements, including pH control and polymer feed for metals removal, effluent storage, pumping, and outfall.	No	All Other	50%	\$0	\$6,000,000	\$6,000,000		\$5,000,000					\$500,000		\$500,000		68	68	15	33	5	15		ARPA Funding Cap met
28	Graham, City of	WWTP Improvements	Alamance	Hazen and Sawyer	Replace/expand WWTP from 3.5 to 5.0 mgd. Upgrade and add aeration basins, chemical feed, RAS pumping, tertiary filtration, chlorine contact, aerobic digester, maintenance bldg, and electrical.	yes	All Other	50%	\$0	\$75,445,000	\$30,000,000							\$500,000		\$29,500,000		68	68	12	34	15	7		ARPA Funding Cap Met Additional funds to a previously awarded \$45,445,000 SRF loan (CS370563-04). Priority #1, according to Graham's CIP. Graham requests funding WWTP Application has priority over other applications.
29	Marion, City of	Clinchfield Subbasin Rehab/Replacement	McDowell	WithersRavenel	Rehab 8,650 lf gravity sewer and 100 manholes, and rehab/replace pump station.	Yes	At-Risk	0%	\$0	\$3,244,430	\$3,244,430		\$3,244,430									70	67	25	18	15	9	2.N.7: No points given as rehabilitation of the same equipment does not qualify.	
30	Cliffside Sanitary District	Cliffside Sanitary District System Repairs and WWTP Retrofit	Rutherford	Tetra Tech Engineering, PC	Retrofit WWTP and rehab/replace gravity sewer, manholes, and two pump stations.	no	Distressed	100%	\$0	\$2,861,966	\$2,861,966	\$2,861,966										87	67	25	18	5	19	2.1 points are not given as the project is not upgrading treatment and other upgrades are not done to address NOVs, SOC or any administrative order. 2.N.6 points are not given as project description mentions like for like replacement. Population of the district has been changed but project does not mention reducing the size of infrastructure. Instead: 2.N.7 points were given, since the new UV disinfection system and the rebuilt tablet Chlor/DeChlor system will serve as a Redundant system 2.P points are not given because there is no discussion on how this project will directly benefit the classified water. 3.A.1 points are not given because CIP was missing from Application.	
31	Farmville, Town of	Middle Swamp Sanitary Sewer Outfall Relocation	Pitt	McDavid Associates, Inc.	Relocate/replace 5,000 lf outfall and 15 manholes outside of 100- and 500-year FE.	Yes	At-Risk	75%	\$4,431,000	\$4,431,000	\$4,431,000		\$4,431,000									82	67	25	8	15	19	2.C No points awarded as the narrative does not provide reported or documented SSOs or overflows. 3.A.2 No points given as applicant cannot claim both 3.A.1 and 3.A.2	
32	Macclesfield, Town of	WWTP Improvements	Edgecombe	McDavid Associates, Inc.	Add a second oxidation ditch.	No	Distressed	100%	\$1,134,900	\$5,143,000	\$1,134,900	\$1,134,900										72	67	25	6	15	21	2.N.1: No points awarded as narrative does not mention that proposed located inside the 100-year flood elevation. 3.A.2: No points given as applicant cannot claim both 3.A.1 and 3.A.2	Co-funded with CS370605-02

**Agenda Item M-4.**

**Wastewater Projects**

**Spring 2022 Application Round**

The colors in this legend represent the example funding scenario described in the Staff Report.	Funded in VUR/State Reserve	
	Funded in VUR/State Reserve and CWSRF	
	Funded in CWSRF	
	Not Funded	

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Min. Acceptable PF/Grant \$	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
33	Warrenton, Town of	WWTP Improvements	Warren	Municipal Engineering, Inc.	Construct berm around inlet structure and operating building; replace influent pumps; repair/rehab two oxidation ditches, tertiary filters, and disinfection process.	No	Distressed	100%	\$10,817,776	\$10,817,776	\$10,817,776	\$10,817,776										66	66	25	3	15	23	Ineligible. Did not provide necessary resolutions.
34	Selma, Town of	Collection System Improvements	Johnston	WithersRavenel, Inc.	Relocate pump station out of 100-yr FE, repair pump station, CCTV find and fix 54,000 lf sewer.	Yes	At-Risk	100%	\$0	\$11,265,000	\$8,250,000		\$0		\$8,250,000							65	65	25	8	15	17	Applicant claimed 2.N points but only 2.N.1 points are given.
35	Jamesville, Town of	WWTP upgrade	Martin	Municipal Engineering Co.	Replace WWTP with new SBR with UV, new headworks, electrical and generator.	Yes	At-Risk	100%	\$0	\$3,816,250	\$3,816,250		\$0		\$3,816,250							65	65	25	6	15	19	
36	Tabor City, Town of	WWTP Upgrades Phase 3	Columbus	Municipal Engineering Co.	Upgrade WWTP with new generator, headworks ,additional tertiary filters, clarifier rehab/replacement.	No	At-Risk	25%	\$0	\$5,089,000	\$5,089,000		\$0		\$5,089,000							68	65	25	6	15	19	2.1. No points awarded as the project does not provide additional treatment.
37	Brevard, City of	Sewer Pump Station Rehabilitation and Replacement	Transylvania	CDM Smith	Replace two pump stations, and 600 lf force main; install backup generator for another lift station.	no	At-Risk	75%	\$2,873,000	\$2,948,000	\$2,873,000		\$0		\$2,873,000							64	64	25	19	5	15	
38	Garland, Town of	Wastewater Treatment Plant Improvements	Sampson	McDavid Associates, Inc.	Rehab lagoon WWTP with new comminutor and chlorine contact; relocate dichlorination.	Yes	At-Risk	25%	\$2,880,000	\$2,880,000	\$2,880,000				\$2,880,000							71	63	25	18	7	13	3.A.1No points awarded as the narrative does not provide discussion of four key elements of AMP.
39	Mount Olive, Town of	WWTP Improv.	Wayne	McGill Associates	Replace flow equalization, digester, clarifier; rehab tertiary filters; decommission drying beds.	Yes	Distressed	25%	\$0	\$6,600,770	\$6,600,770	\$0						\$500,000		\$6,100,770		68	63	25	18	5	15	ARPA Funding Cap met WWTF Improvements is Towns Priority Project.  2.E.1 points are not given as the SOC is not provided.
40	Scotland Neck, Town of	2022 ARPA Sewer Improvements	Halifax	Engineering Services, P.A.	Rehab/replace 10,800 lf sewer, 39 manholes, 110 service lines; rehab 5 lift stations; install four generators and purchase one portable generator; rehab influent pump station, one clarifier, sand filters; install SCADA; investigate I&I and make repairs.	No	Distressed	100%	\$5,660,045	\$5,660,045	\$5,660,045	\$5,660,045										63	63	25	6	7	25	
41	Jamesville, Town of	Sewer System Rehabilitation	Martin	Municipal Engineering Co.	Inspect/rehab 37,357 lf sewer and manholes; replace pumps, generator and transfer switch at one pump station.	Yes	At-Risk	100%	\$0	\$3,344,665	\$3,344,665				\$3,344,665							70	63	25	4	15	19	Applicant claimed 2.N points in three line items but only 2.N.5 points are given.
42	Fountain, Town of	Lynch St Sanitary Sewer Improvements	Pitt	McDavid Associates, Inc.	Rehab pump station, and replace associated sewer and manholes.	Yes	Distressed	75%	\$1,517,500	\$1,517,500	\$1,517,500	\$1,517,500										78	63	25	0	15	23	2.C No points given as none of the criteria mentioned in the guidance were met. 3.A.2: No points given as applicant cannot claim both 3.A.1 and 3.A.2
43	Warrenton, Town of	Sanitary Sewer Rehabilitation	Warren	Municipal Engineering, Inc.	Rehab/replace 12,300 lf sewer, 64 manholes, and services; electrical upgrades with emergency generators at two lift stations, install by-pass around one lift station; replace two ARVs.	Yes	Distressed	100%	\$4,096,663	\$4,096,663	\$4,096,663	\$4,096,663										63	63	25	0	15	23	Ineligible. Did not provide necessary resolutions.
44	Thomasville, City of	Rains Road PS Upgrade	Davidson	Alley, Williams, Carmen & King, Inc.	Upgrade/upszie pump station and associated force main.	Yes	All Other	25%	\$0	\$5,000,000	\$5,000,000				\$4,000,000		\$500,000		\$500,000		63	63	12	35	7	9	ARPA Funding Cap met	
254	Wilkesboro, Town of	Wilkesboro Cub Creek WWTP Expansion	Wilkes	HDR Engineering of the Carolinas, Inc.	WWTP expansion from 4.9 to 9 MGD.	No	Distressed	100%	\$0	\$60,000,000	\$27,000,000				\$15,000,000		\$500,000		\$11,500,000		71	63	12	35	7	9	2.O: Cub Creek & Yadkin River are not impaired at WWTP discharge. Only further downstream towards High Rock Lake. 3.A.1. Insufficient AMP documentation. Gave CIP points instead (3.A.2).	
45	River Bend, Town of	WWTP Enhancements <del>***PERMITS and ATA obtained 2015***</del>	Craven	Rivers & Associates	WWTP rehab (new headworks, flow meters, samplers); rehab surge tank and treatment units; relocate/rehab chlorination/dichlorination; install aerobic digester and SCADA.	No	At-Risk	75%	\$5,000,000	\$9,108,500	\$9,108,500				\$9,108,500							80	62	25	11	7	19	2.D points are not awarded as the current flow of 0.33MGD and anticipated future Capacity 0.685MGD, do not meet criteria for points. 2.N.1 points not awarded as no location shown where existing lab is located.
46	Pilot Mountain, Town of	WWTP Upgrades	Surry	McGill Associates	Replace WWTP headworks, RAS/WAS pump station, chemical feed building; upgrade aeration basin, chlorine contact, sludge holding, dewatering, effluent pump station, and operations building. Rehab electrical and install new generator.	Yes	Distressed	100%	\$5,000,000	\$10,000,000	\$10,000,000	\$8,078,000						\$500,000		\$1,422,000		62	62	25	3	15	19	ARPA Funding Cap met
47	Tabor City, Town of	Sanitary Sewer Improvements	Columbus	LKC Engineering PLLC	Replace 2,600 lf sewer and manholes; rehab and install emergency generators at three pump stations	Yes	At-Risk	25%	\$6,375,000	\$6,375,000	\$6,375,000				\$6,375,000							77	62	25	3	15	19	Bypassed because not eligible for minimum requested principal forgiveness  2.C: No points as no SSOs or NOV's included.
48	Tyrrell County	Old Hwy 64 Sewer Extension	Tyrrell	McDavid Associates, Inc.	Extend low pressure sewer to 49 homes, including 25,000 lf pressure sewer and grinder pump stations.	Yes	At-Risk	100%	\$5,000,000	\$5,000,000	\$5,000,000				\$5,000,000							70	62	15	15	7	25	1.D No points given as only one (1) project purpose can be given points. 3.A.1 No points given as 4 key points of AMP were not discussed.
49	Eden, City of	N. Aeration Basin Repair Renovations	Rockingham	Joyce French	Complete rehab/replacement of one aeration basin, including SCADA integration.	Yes	At-Risk	25%	\$0	\$10,250,000	\$9,148,000				\$9,148,000			\$0				71	61	25	8	15	13	2.D no points given as regulatory citation and brief summary of the applicable regulation not provided
50	Madison, Town of	Sanitary Sewer Rehab and Flood Protection Project	Rockingham	LKC Engineering, PLLC	Rehab/replace 11,100 lf sewer.	Yes	Distressed	25%	\$4,871,000	\$4,871,000	\$4,871,000	\$4,871,000										76	61	25	7	10	19	2.C points are not given because the applicant has provided 2 NOV's only. SSO locations, Maps, spill reports etc. are not provided.

**Agenda Item M-4.  
Wastewater Projects  
Spring 2022 Application Round**

The colors in this legend represent the example funding scenario described in the Staff Report.	Funded in VUR/State Reserve	
	Funded in VUR/State Reserve and CWSRF	
	Funded in CWSRF	
	Not Funded	

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Min. Acceptable PF/Grant \$	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	
51	Oxford, City of	Sewer System Improvements and Enhancement, Phase 5	Granville	McGill Associates	Rehab 14,000 lf sewer.	Yes	All Other	50%	\$0	\$9,752,954	\$9,561,720				\$5,000,000		\$500,000			\$4,061,720	80	61	25	6	15	15	2.C No points awarded as location maps were not provided. 2.N.5: No points awarded a map showing the location of infrastructure in relation to the floodplain was not provided.	ARPA Funding Cap met	
52	Chadborn, Town of	2022 Sewer Collection System Improvements	Columbus	LKC Engineering, PLLC	Replace 5,975 lf sewer, 19 manholes; rehab four pump stations.	No	At-Risk	50%	\$0	\$4,860,000	\$4,860,000				\$4,860,000		\$0			\$0	61	61	25	0	15	21			
53	Henderson, City of	Sandy Creek Basin Sewer Rehab	Vance	WK Dickson & Co., Inc.	Find/fix rehab 39,000 lf sewer.	Yes	At-Risk	0%	\$0	\$7,545,165	\$5,000,000				\$5,000,000					\$0	61	60	25	21	5	9	2.N.5 No points given as locations of SSOs were not inside the flood zone. Gave 2.N.7 points for resiliency	Supplement funding for SRP-W-0187	
54	Southern Pines, Town of	Southern Pines Sewer Rehabilitation and Replacement	Moore	WithersRavenel, Inc.	Replace 17,296 lf sewer; CCTV additional sewer.	no	All Other	0%	\$0	\$4,999,950	\$4,999,950				\$4,999,950					\$0	60	60	25	18	15	2			
55	Troutman, Town of	Sewer Collection Rehabilitation	Iredell	West Consultants, PLLC	CCTV 42,000 lf sewer; CIPP 21,000 lf sewer; repair/replace 20 services, 10 point repairs, and 142 manholes.	Yes	All Other	0%	\$1,500,000	\$2,342,500	\$2,342,500				\$1,655,000					\$687,500	60	60	25	18	7	10		ARPA Funding Cap met Bypassed because not eligible for minimum requested principal forgiveness	
56	Claremont, City of	PS Improv-Elimination Proj.	Catawba	City of Claremont	Replace/downsize one pump station; replace pumps in four pump stations; backup power for three pump stations.	Yes	All Other	0%	\$0	\$1,338,670	\$1,338,670		\$1,338,670						\$0		60	60	25	8	15	12		Green Project	
57	Elm City, Town of	Multiple LS Rehab and Renewal	Wilson	Mack Gay Associates, PA	Rehabilitation of 3 lift stations to replace pumps and upgrade electrical system	yes	Distressed	100%	\$0	\$898,775	\$898,775	\$898,775								\$0	72	60	25	3	7	25	2.N.5.No points were awarded as maps showing location of the lift stations in 100 year flood plain were not provided. 3.A.1 No points given because the narrative did not include four key areas of the AMP.	No more principal forgiveness is available	
58	Clinton, City of	E. Carter Street Pump Station Relocation and Replacement	Sampson	WithersRavenel	Relocation of a pump station outside the 500-year floodplain.	Yes	All Other	0%	\$0	\$2,390,000	\$2,354,000									\$2,354,000	77	59	25	8	15	11	2.N.7 Points are not given as an applicant gets points in only one 2.N category 2.C points are not given as the applicant did not submit any NOVs or Spill report or any supporting documents to claim points.	ARPA Funding Cap Met	
59	Robersonville, Town of	WWTP Improvements	Martin	Municipal Engineering Co.	Pretreatment evaluation, flood protection measures, 600 KW generator for WWTP, improvements of disinfection system, install SCADA	Yes	Distressed	100%	\$0	\$6,000,000	\$6,000,000				\$6,000,000						65	59	25	8	5	21	2.I: No points given because a project does not provide additional treatment. 2.N.1 No points given as 500-year flood boundaries were not identified. Gave points instead under 2.N.4.		
60	Farmville, Town of	Housing Authority SS Improvements	Pitt	McDavid Associates, Inc.	Replacement of 4,000LF of 8-inch gravity sewer and manholes and rehabilitation of pump station	No	At-Risk	75%	\$3,580,000	\$3,580,000	\$3,580,000				\$3,580,000							74	59	25	0	15	19	2.C No points given as reported or documented SSOs or overflows were not provided. 3.A.2 No points given as the applicant can't claim both 3.A.1 and 3.A.2	Bypassed because not eligible for minimum requested principal forgiveness
61	Pilot Mountain, Town of	Collection System Rehabilitation	Surry	WithersRavenel	Rehab/Replace approx. 18,250 LF of 8-inch and 10-inch gravity sewer and 86 MH's	yes	Distressed	75%	\$0	\$6,813,500	\$6,813,500							\$500,000		\$6,313,500	59	59	25	0	15	19			
62	Laurinburg, City of	Leith Creek WWTP Influent Pump Station	Scotland	Willis Engineers, Inc.	Replacing headworks, influent and EQ pump station	Yes	All Other	0%	\$0	\$10,315,000	\$10,315,000									\$10,315,000	69	59	15	18	15	11	1.C.1 points not awarded as budget did not provide cost breakdown to determine if 50% of the loan amount will be spent on aging infrastructure. 3.A.2 No points given as the applicant can't claim both 3.A.1 and 3.A.2		
71	Rockingham County	Fishing Creek PS relocation and flood protection	Rockingham	LKC Engineering, PLLC	Relocation of a pump station for flood protection	Yes	Distressed	100%	\$1,725,000	\$1,725,000	\$1,725,000	\$1,725,000										63	56 59	25	3 6	5	23	2.E.2 - No points given as SSO location map was not included. 2.N.5 No points given as PS site not located in the 100-year flood plain.	
63	Maxton, Town of	WW PS Rehab.	Robeson	WithersRavenel	Replacement of 8 suction lift pump station with submersible	No	At-Risk	0%	\$0	\$7,033,500	\$7,033,500									\$7,033,500	73	58	25	3	15	15	2.C no points given as spill was due to hurricane not due to equipment failure.		
64	Fremont, Town of	Pump station and sewer rehab	Wayne	Municipal Engineering, Inc.	Rehabilitation of over 4,000LF of gravity sewer and pump stations	Yes	Distressed	100%	\$4,462,350	\$4,462,360	\$4,462,360	\$4,462,360										58	58	25	3	5	25		
65	Rocky Mount, City of	Collection System Rehab & Replace	Nash/Edgecombe	WithersRavenel, Inc.	Rehabilitation of 2,000 LF of outfall, manholes, find and fix 4,180 LF of pipes & 20 manholes. Relocation of infrastructure outside 100 year floodplain	no	All Other	0%	\$0	\$5,164,700	\$5,164,700										65	57	25	23	2	7			
66	Louisburg, Town of	Sanitary Sewer System Rehabilitation	Franklin	Municipal Engineering Co.	Rehab/replacement of 12,085 LF of sewer, 55 manholes and 93 service lines.	Yes	All Other	50%	\$1,186,627	\$2,373,253	\$2,373,253											57	57	25	0	15	17		
67	Rose Hill, Town of	Rose Hill Sewer Rehabilitation	Duplin	McGill Associates, PA	Replacement of approximately 23,800 LF of gravity sewer, 143 manholes, point repairs and wet well rehab.	Yes	At-Risk	75%	\$4,000,000	\$8,614,045	\$8,614,045											62	57	25	0	15	17	2.E.2 no points awarded as there was no direct link between the I/I and the NOV	
68	Mount Airy, City of	WWTP Planning Grant	Surry	Hazen and Sawyer	Collect WW and treatment capability data, develop a biological process model, develop alternative treatment options and prepare preliminary engineering report	no	All Other	0%	\$0	\$200,000	\$200,000				\$200,000						84	56	25	7	15	9	2.D no points given as the rules regulating chlorophyll-a have not been approved by EPA or promulgated yet. 2.O No points given as the WWTP discharge has no direct connection with impaired waters.		

**Agenda Item M-4.  
Wastewater Projects  
Spring 2022 Application Round**

The colors in this legend represent the example funding scenario described in the Staff Report.	Funded in VUR/State Reserve	
	Funded in VUR/State Reserve and CWSRF	
	Funded in CWSRF	
	Not Funded	

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Min. Acceptable PF/Grant \$	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		
69	Pollockville, Town of	2022 Sanitary Sewer Improvements	Jones	McDavid Associates, Inc.	Additional funding required for the project and replacement of 25% of sewer.	yes	Distressed	100%	\$8,454,000	\$8,454,000	\$8,454,000											87	56	25	5	5	21	2.C no points given as narrative does not describe the current project. 2.E.2 no points given as narrative does not describe the current project. 2.N.1 no points given as narrative does not mention current project. Gave 2.N.2 points instead. 3.A.1 and 3.A.2 no points given as AMP narrative does not discuss 4 criteria; CIP only shows 6-yrs.		
70	Beulaville, Town of	2022 Sanitary Sewer Improvements	Duplin	McDavid Associates, Inc.	Replacement of 42,800 LF of gravity sewer and relocate pump station	Yes	At-Risk	100%	\$10,182,000	\$10,182,000	\$10,182,000											56	56	25	3	5	23			
72	Enfield, Town of	Phase 6 Sewer Sys Improvements (WWTP and Sewer replace/rehab)	Halifax	UCPCOG	Rehab/replacement of WWTP and 21,260 LF of gravity sewer	Yes	Distressed	75%	\$6,362,372	\$6,362,372	\$6,362,372											66	56	15	3	15	23	1.C.1 points not awarded due to lack of sufficient documentation Not sufficient documentation and narrative provided to establish the sewer is installed in 1950		
73	Kinston, City of	Briery Run Sewer PH VI Sewer Proj.	Lenoir	City of Kinston	CIPP Rehab for approx. 22,300 LF of sewer located in the 100 year floodplain.	Yes	All Other	25%	\$0	\$8,287,813	\$8,287,813											55	55	25	4	15	11			
74	Red Springs, Town of	Sewer Collection System Rehab	Robeson	WithersRavenel, Inc.	Rehabilitation of 8,000 LF of sewer with associated manhole, raising manholes above 100 year flood elevation	no	At-Risk	0%	\$0	\$2,920,934	\$2,920,934											58	55	25	4	15	11	2.N.7 No points given as applicant claimed 2.N.4 points.		
75	Whiteville, City of	Phase 3 Sewer Improvements	Columbus	Engineering Services, P.A.	Replacement of 5,750 LF of gravity sewer with manholes, 90 service laterals, elevating a lift station above 100 year floodplain and new generators for 2 lift stations.	No	At-Risk	0%	\$4,991,015	\$4,991,015	\$4,991,015											58	55	25	4	15	11	2.N.7 points not given as the applicant can claim only one line item in 2.N.		
76	Elizabeth City, City of	Pearl St Sewer Improvements	Pasquotank	City of Elizabeth City	CIPP rehab for 27,200 LF of sewer line, 250 laterals, replacement of 620 LF of sewer and point repairs	Yes	All Other	50%	\$910,000	\$1,824,430	\$1,824,430											55	55	25	0	15	15			
77	Landis, Town of	Fifth Street and Poplar Street Lift Station Eliminations	Rowan	Municipal Engineering Co.	Installation of 1,400 LF of gravity sewer with manholes and elimination of 2 pump stations	No	At-Risk	75%	\$449,541	\$666,055	\$666,055											55	55	25	0	15	15			
78	Landis, Town of	S. Upright Street Basin Sanitary Sewer Rehabilitation	Rowan	Municipal Engineering Co.	Replacement of SRF loan for an project with an expanded scope	Yes	At-Risk	75%	\$2,700,952	\$2,700,952	\$2,700,952											55	55	25	0	15	15		Replace an existing SRF loan (CS370652-03)	
79	Maxton, Town of	WWTP Rehab.	Robeson	WithersRavenel, Inc.	Replace aeration basins, clarifiers, RAS/WAS pumps piping, digester aerator, sludge beds, chemical equipment and electrical assembly	No	At-Risk	0%	\$0	\$7,111,000	\$7,111,000											76	55	25	0	15	15	2.C No points are given because violations are for exceeding flow. 2.E.2 No points given as the project will not resolve NOVs for flow. 2.N.7 no points given as the projects restores redundancy.		
80	St Pauls, Town of	Sewer System Rehabilitation	Robeson	McGill Associates, PA	Rehab/Replacement of 33,040 LF of sewers with manholes	No	Distressed	25%	\$4,000,000	\$9,214,283	\$9,214,283											78	55	25	0	15	15	2.C points not given due to lack of supporting documentation 2.E.1 and/or 2.E.2 points are not given due to lack of supporting documentation		
81	Yadkin Valley Sewer Authority	2022 Pump Station Improvements	Surry	West Consultants, Inc.	Rehabilitation of 16 pump stations	No	All Other	50%	\$442,000	\$832,900	\$832,900											55	55	25	0	15	15			
82	Brunswick County	Longwood Rd Sewer Project.	Brunswick	The Ferguson Group	Installation of total 51,500 LF of FM to connect disadvantaged/underserved areas currently under septic tank system. Possibly elimination of an NPDES permit for a public school.	No	At-Risk (D/U)	0%	\$0	\$14,956,200	\$14,956,200											61	55	15	21	15	4	2.I points not provided as this project is not providing additional treatment. 2.Q: points not given because interlocal agreement not provided.		
83	Laurinburg, City of	Pump Station Renovations	Scotland	Willis Engineers, Inc.	Rehabilitation of 13 pump stations	Yes	All Other	0%	\$0	\$9,973,000	\$9,973,000											54	54	25	3	15	11			
84	White Lake, Town of	Phase 3 Sewer Improvements	Bladen	Engineering Services, PA	Replacement of 5,595 LF of pipes, rehabilitation of 67 manholes and 100 service lines and 7 pump stations	no	All Other	25%	\$3,592,378	\$3,592,378	\$3,592,378											54	54	25	3	15	11			
85	Magnolia, Town of	2022 Sanitary Sewer Improvements	Duplin	McDavid Associates, Inc.	Replacement of 2,675 LF of gravity sewer, 20 manholes and rehabilitation of a pump station	yes	At-Risk	25%	\$1,592,550	\$1,592,550	\$1,592,550												54	54	25	3	7	19		
86	Magnolia, Town of	Newberry Sewer Pump Station Rehabilitation	Duplin	McDavid Associates, Inc.	Replacing and relocating a pump station and replacing 850 LF of force main	yes	At-Risk	25%	\$964,760	\$964,760	\$964,760												54	54	25	3	7	19		
87	Eureka, Town of	Wastewater Collection System Improvements	Wayne	CDM Smith	Replacement of total 16,000 LF of gravity sewer, 12,000 sq of force mains, 66 manholes, 115 laterals, pump station and generator.	No	Distressed	100%	\$0	\$14,999,900	\$14,999,900												65	54	25	3	5	21	2.C No points given as the applicant is claiming pts based on their financials taken over by LGC and their sewer system is not viable without financial grant to complete this project	
88	Murfreesboro, Town of	Sewer System Rehabilitation	Hertford	Municipal Engineering Co.	Rehabilitation of total 8,500 LF of sewers, 20 manholes and 79 service laterals	Yes	At-Risk	50%	\$1,839,475	\$1,839,475	\$1,839,475												54	54	25	3	5	21		

**Agenda Item M-4.**

**Wastewater Projects**

**Spring 2022 Application Round**

The colors in this legend represent the example funding scenario described in the Staff Report.	Funded in VUR/State Reserve	
	Funded in VUR/State Reserve and CWSRF	
	Funded in CWSRF	
	Not Funded	

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Min. Acceptable PF/Grant \$	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		
89	Rich Square, Town of	2022 ARPA Sewer System Improvements	Northampton	Engineering Services, P.A.	Rehabilitation of 8 pump stations and WWTP, replacement of spray irrigation pumps and nozzles and sludge removal	No	Distressed	25%	\$3,960,500	\$3,960,500	\$3,960,500											53	53	25	6	7	15			
90	Lake Lure, Town of	Subaqueous Sanitary Sewer Replacement Phase 3	Rutherford	LaBella Associates	Installation of approximately 15,000 LF of gravity sewers with manholes and 800 service laterals	No	All Other	0%	\$0	\$27,500,000	\$7,000,000											53	53	25	5	5	18			
91	Lumberton, City of	2022 WW System Improvements	Robeson	The Wooten Company	3 lift station upgrades, find and fix 2,391 LF of gravity sewer with manholes, backup generator for WWTP	Yes	At-Risk	0%	\$3,180,000	\$4,181,158	\$4,181,158											56	53	25	4	15	9		The applicant is given points in only one line item for 2.N category.	
92	Ayden, Town of	Carmichael MHP Sanitary Sewer Improvements	Pitt	McDavid Associates, Inc.	Rehabilitation of a pump station to raise above flood elevation, replace 1,400 LF of sewers with 9 manholes	Yes	At-Risk	50%	\$1,008,000	\$1,008,000	\$1,008,000											92	53	25	4	7	17		2.C: No points given as SSO/Environmental supporting documents are not provided. 2.O points are not given because of missing SSO data, Map and no supporting documents. 3.A.1 points are not given because 4 key areas of the AMP are	
93	Plymouth, Town of	2022 CS Sys Improvements	Washington	The Wooten Company	Construction of 15,900 LF of gravity sewer, replace 46 manholes, 186 service line and 3,500 LF of outfall, improvements of disinfection system in the WWTP	No	Distressed	50%	\$7,910,230	\$7,910,230	\$7,910,230											64	53	25	4	7	17		2.N points are given for only 1 line item. 3.A.1 points are not given as AMP not provided. Gave 3.A.2 points for CIP.	
94	Pembroke, Town of	Wastewater System Improvements (replaces previous SRP-W-0209 Loan)	Robeson	The Wooten Company	Find and fix 3,750 LF of gravity sewers, relocation and replacement of a lift station (SRP project funded in 2021)	Yes	At-Risk	0%	\$0	\$2,104,553	\$2,091,053											53	53	25	3	10	15		To replace SRP-W-0209 (\$2,091,053)	
95	Rhodiss, Town of	2022 High Priority CollSystImprov.	Burke-Caldwell	West Consultants LLC	Replacement of 1,620 LF of gravity sewers with MHs and ser	No	At-Risk	75%	\$724,000	\$724,000	\$724,000											76	53	25	0	7	21		2.C points are not given because only one SSO in last 5 years due to heavy rain. 3.A.1 no points are given as the narrative did not describe 4 key areas of AMP. Gave 3.A.2 points instead	
96	Rhodiss, Town of	2022 PS Improv & FM Replc.	Burke-Caldwell	West Consultants PLLC	Replace FM, rehabilitation of two pump stations and installation of backup generators at 2 pump stations	No	At-Risk	75%	\$1,079,300	\$1,079,300	\$1,079,300											61	53	25	0	7	21		3.A.1 no points are given as the narrative did not describe 4 key areas of AMP. Gave 3.A.2 points instead	
97	Halifax, Town of	Phase 3 Sewer System Improvements	Halifax	Upper Coastal Plain Council of Governments	Replacement of pump station, rehabilitation of 3,495 LF of gravity sewer with manholes and service laterals	No	Distressed	100%	\$1,469,198	\$1,801,430	\$1,958,930											53	53	25	0	5	23		Ineligible. Did not provide necessary resolutions.	
98	Harrisburg, Town of	Millbrook PS Decommission	Cabarrus	Town of Harrisburg	Installation of 1,600 LF of gravity sewer to decommission a 0.32 MGD pump station and 3,900 LF of force main	Yes	All Other	0%	\$0	\$612,150	\$612,150											57	52	25	15	10	2			
99	Beaufort, Town of	WW PS Improvements PCPG	Carteret	Rivers & Associates, Inc.	Preconstruction grant request to cover preliminary engineering cost for a project	No	All Other	100%	\$225,000	\$225,000	\$225,000				\$225,000							81	52	25	3	7	17		2.N.5 points not given as no clear maps provided. 2.O points not given as maps not provided, SSO's from 2015 Flooding 8-in rain and high tide. 3.A.1 points not provided as narrative was insufficient. Gave 3.A.2 points	
100	Claremont, City of	Clay Line Sewer	Catawba	City of Claremont	CCTV inspection of 30,000 LF of pipes, rehab 16,000 LF of pipes, 140 manhole and point repairs.	Yes	All Other	0%	\$0	\$3,303,900	\$3,303,900											52	52	25	0	15	12			
101	Brevard, City of	North Brevard Sewer	Transylvania	Brown Consultants	Installation of 6,800 LF of gravity sewer and a pump station to extend sewer lines to septic tank area	No	At-Risk	75%	\$0	\$2,987,367	\$2,287,367											52	52	15	15	7	15			
102	Yadkin County	Brooks Crossroads Sewer Improvements	Yadkin	Davis, Martin, Powell & Associates	Installation of 14,000 LF of gravity sewer with 40 manholes, 80 MGD pump station with 350 LF of force main and rehabilitation of a pump station	No	Distressed	100%	\$0	\$4,887,000	\$4,887,000											49	52	15	15	5	17		3.A.2 No points as documentation was insufficient. Awarded 3.B points for operating ratio	
103	Spindale, Town of	WWTP Improvements	Rutherford	Dewberry Engineers, Inc.	Rehabilitation of clarifier, replacement of RAS/WAS pumps and mechanical bar screen, grit disposal system, installation of reuse line, lime feed system, VFDs for RAS/WAS pumps	no	At-Risk	50%	\$5,708,000	\$7,135,000	\$7,135,000												50	51	25	6	5	15		2C No points given as map was not included. 3.A.1 No Points given because documentation was not acceptable.
104	Ayden, Town of	LS No.1 SaniSewRehab.	Pitt	Municipal Engineering Co.	Replacement of pump station, 5,500 LF of gravity sewer and rehabilitation of 2,620 LF of gravity sewer	No	At-Risk	50%	\$2,468,425	\$2,468,425	\$2,468,425											65	51	25	4	5	17		2.N.1 no points given as the project elevates the infrastructure. Instead 2.N.4 points given. 3.A.1 No points given as CIP table showing the project is not provided in AMP.	
105	Williamston, Town of	Skewarkee Gut Sewer Outfall Replacement	Martin	Rivers & Associates, Inc.	Replacement of 4,600 LF of gravity sewer with manholes and service lines, rehabilitation of 4,200 LF of gravity sewer with manholes and 16 manholes.	Yes	Distressed	75%	\$0	\$8,672,000	\$8,672,000											74	51	25	4	5	17		2.P- No points due to lack of supporting narrative 3.A.1- No Points given as CIP plan only covers five (5) years. 2.E.2- No points given due to insufficient documentation.	
106	Hamlet, City of	Sewer Collection System Improvements	Richmond	LKC Engineering, PLLC	Replacement of 7,700 LF of gravity sewer main and manholes	No	At-Risk	0%	\$4,809,200	\$4,809,200	\$4,809,200											51	51	25	0	15	11			
107	Graham, City of	Haw River Outfall and Manhole Rehabilitation	Alamance	Alley, Williams, Carmen & King, Inc.	Rehabilitation of 9,000 LF of sewer main with manholes to reduce I&I	Yes	All Other	0%	\$1,250,000	\$2,500,000	\$2,500,000											51	51	15	22	7	7			

**Agenda Item M-4.**

**Wastewater Projects**

**Spring 2022 Application Round**

The colors in this legend represent the example funding scenario described in the Staff Report.	Funded in VUR/State Reserve	
	Funded in VUR/State Reserve and CWSRF	
	Funded in CWSRF	
	Not Funded	

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Min. Acceptable PF/Grant \$	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
108	Ellerbe, Town of	Main St / US220 Gravity Sewer Replacement	Richmond	LKC Engineering, PLLC	Replacement of 6,050 LF of gravity sewer and manholes.	yes	Distressed	75%	\$0	\$5,655,000	\$5,655,000										50	50	25	0	10	15		
109	Enfield, Town of	Ph4 PS-6-8 & 9 Rpl/Rep & SanSew Impr	Halifax	HCPCOG	Repair/replace 5,575 lf sewer main and manholes, and 4 pump stations, replacing valves, pumps, and generators.	Yes	Distressed	75%	\$1,408,211	\$1,877,615	\$1,877,615										56	50	12	0	15	23	1.C.1 points not given due to lack of supporting documentation.	Reconsideration from Fall 2021 Ineligible. Did not provide necessary resolutions.
110	Burgaw, Town of	Wastewater Infrastructure Rehabilitation &	Pender	McKim&Creed Inc.	Replace/relocate two pump stations; replace sewer main.	No	At-Risk	0%	\$0	\$2,783,446	\$2,783,446										49	49	25	8	5	11		
111	Clarkton, Town of	Clean Water State Revolving Fund Sewer System Rehabilitation	Bladen	WithersRavenel, Inc.	CCTV evaluation of 61,500 lf sewer and 500 manholes. Rehab/replace 28,000 lf sewer and 115 manholes; WWTP rehab; installation of 235 lf floodwall at a pump station.	yes	At-Risk	50%	\$0	\$5,466,000	\$5,385,000										49	49	25	6	5	13		
112	Kenansville, Town of	2022 Lift Stations Rehabilitation	Duplin	The Adams Company, Inc.	Rehab and elevation of three lift stations.	Yes	At-Risk	25%	\$1,250,000	\$1,680,500	\$1,680,500										51	49	25	4	5	15	3.A.2 points not awarded to inadequate documentation	
113	Spindale, Town of	Oak Street PS Rehabilitation	Rutherford	LaBella Associates	Rehab/replace pump station.	Yes	At-Risk	50%	\$0	\$2,000,000	\$2,000,000										67	49	25	4	5	15	2C. No points given due to insufficient supporting documentation. 3.A.1. No points given due to insufficient CIP documentation. 3.B. Gave points due to data provided for the OR. 4.B. Gave 4 points rather than 6 due to incorrect utility bill calculation.	App is to swap \$2,000,000 SRP loan with ARPA Grant (SRP-W-0191)
114	Lillington, Town of	2022 Comprehensive Sew Rehab Proj.	Harnett	Town of Lillington	CIPP rehab of 35,122 lf sewer; rehab 135 manholes and 440 services; 10 point repairs.	Yes	At-Risk	0%	\$5,746,398	\$5,746,398	\$5,746,398										49	49	25	0	15	9		
115	Mount Airy, City of	WWTP Influent Pump Station Rehabilitation	Surry	Hazen and Sawyer	Replace four pumps, five sluice gates, two MCCs, and the PLC at the WWTP.	no	All Other	0%	\$0	\$738,100	\$721,600										49	49	25	0	15	9		
116	Haw River, Town of	Haw River I&I project	Alamance	Alley, Williams, Carmen & King, Inc.	Collection system rehab/replacement.	yes	At-Risk	50%	\$4,500,000	\$4,500,000	\$4,500,000										80	49	25	0	7	17	2.N.7. No points given because project does not meet the intent of the line item. 2.O. No points given due to lack of direct link between project and impairment. 3.A.1. No points given due to insufficient narrative. 3.A.2. Points given due to sufficient CIP documentation.	
117	Sims, Town of	Wastewater Pump Station Rehabilitation	Wilson	Green Engineering, PLLC	Replace pumps, valves, piping, generator, and controls, and add SCADA at pump station to City of Wilson; building repairs.	No	At-Risk	25%	\$0	\$470,993	\$470,993										49	49	25	0	7	17		
118	Bunn, Town of	Bunn Warren Street PS Rehab	Franklin	Municipal Engineering Inc.	Replace pump station and install SCADA there, at the WWTP, and two other pump stations; reline 6,000 lf sewer.	No	At-Risk	50%	\$586,410	\$1,172,820	\$1,172,820										49	49	25	0	5	19		
119	Columbia, Town of	2022 ARPA SaniSewImprov WRF	Tyrell	McDavid Associates, Inc.	Replace 11,600 lf sewer, 42 manholes, one pump station and the fine screen at the WWTP.	No	At-Risk	75%	\$6,000,000	\$6,000,000	\$6,000,000										49	49	25	0	5	19		
120	Robbins, Town of	Sewer System Improvements	Moore	The Wooten Company	Find and fix 23,779 lf gravity sewer with replacement of CIPP; replace 85 manholes; rehab 52 manholes; WWTP improvements to splitter, RAS line.	Yes	Distressed	100%	\$6,000,000	\$6,551,072	\$6,551,072										49	49	25	0	5	19		
121	Woodland, Town of	WWTP Lagoon dewatering & Septage Receiving Station	Northampton	Upper Coastal Plain Council of Governments	Rehab lagoon headworks and influent piping; install WWTP septage receiving station	No	At-Risk	100%	\$3,378,675	\$3,556,500	\$3,556,500										59	49	25	0	5	19	3.A.1. No points given due to insufficient CIP documentation.	
122	Taylorsville, Town of	2022 Wastewater Treatment Plant Improvements	Alexander	West Consultants, PLLC	Install septage receiving in station, new storage building; modify sludge storage, digesters; replace v-notch weirs.	No	At-Risk	0%	\$500,000	\$2,382,720	\$2,336,000										51	48	25	5	7	11	2.N.1. No points given because project only moves infrastructure out of 100-year floodplain. Gave 2.N.2 points.	App is to swap an approved loan for grant funding
123	Eden, City of	Kings Hwy Project	Rockingham	WK Dickson & Co., Inc.	Rehab/replace 18,220 lf sewer.	Yes	At-Risk	25%	\$0	\$8,000,000	\$8,000,000										48	48	25	5	5	13		
124	Snow Hill, Town of	WW PS Rehab Proj	Greene	Green Engineering PLLC	Rehab two pump stations. replace one pump station. Install generator and SCADA at each pump station.	No	Distressed	25%	\$0	\$1,384,555	\$1,384,555										48	48	25	3	7	13		Includes \$42,000 in rate study and training and \$2,000 training grant
125	Snow Hill, Town of	WWTP Bar Screen Replc Proj	Greene	Green Engineering	Install bar screen, SCADA and electrical upgrades at WWTP.	no	Distressed	25%	\$0	\$1,795,500	\$1,795,500										48	48	25	3	7	13		Includes \$42,000 in rate study and training and \$2,000 training grant
126	Vanceboro, Town of	Sewer Collection and Main Street PS Rehabilitation Project	Craven	Eastern Carolina Solutions	Rehab 37,500 lf sewer and 96 manholes; rehab main lift station.	no	Distressed	50%	\$4,280,687	\$4,280,687	\$4,280,687										81	48	25	3	5	15	2.N.4. No pints given since project does not fulfill intent of line item. 2.N.5. No pints given due to insufficient supporting documentation. 2.N.7. No points given due to project not meeting intent of line item. 2.O. No points given due to no direct link between project and benefit as well as insufficient supporting documentation. 3.A.2. No points given due to insufficient documentation.	
127	Ranlo, Town of	Wastewater Replacement	Gaston	The Wooten Company	Replace 17,500 lf sewer, 88 manholes and 188 services.	Yes	At-Risk	50%	\$0	\$8,435,000	\$8,435,000										65	48	25	0	10	13	2.C. No points given due to insufficient supporting documentation.	

**Agenda Item M-4.**

**Wastewater Projects  
Spring 2022 Application Round**

The colors in this legend represent the example funding scenario described in the Staff Report.	Funded in VUR/State Reserve	
	Funded in VUR/State Reserve and CWSRF	
	Funded in CWSRF	
	Not Funded	

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Min. Acceptable PF/Grant \$	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
128	Hobgood, Town of	Stormwater Quality/Detention Struct. and Drainage Improv.	Halifax	Mack Gay and Associates	Install engineered stormwater drainage feature.	Yes	At-Risk	100%	\$0	\$2,792,770	\$2,793,770								\$2,793,770		57	48	20	0	5	23	1.F. Points not given due to 1.G points claimed and given. 1.G.1. No points given due to insufficient supporting calculations. 2.N.5. Points not given due to lack of supporting documentation. 3.C. Points not given due to line item use for drinking water only.	Green/Stormwater
129	Dover, Town of	2022 Sewer System SCADA Improvements	Craven	McDavid Associates, Inc.	Installation/incorporation of SCADA to 6 existing lift stations.	Yes	Distressed	75%	\$550,200	\$550,200	\$550,200										48	48	15	3	7	23		
130	Waynesville, Town of	WWTP Supplemental Funding	Haywood	McGill Associates	Replace headworks; install disk filters, influent pump station, new blowers, scum pump station; rehab aeration basins, modifications of chlorine contact basins, sludge management facilities.	Yes	At-Risk	0%	\$15,000,000	\$35,660,000	\$34,960,000										58	47	25	8	7	7	3.A.1. Points not given due to insufficient narrative. 3.A.2. Points given due to CIP requirements in 3.A.1 being met.	Supplements funding for SRF CS370930-01
131	Drexel, Town of	Drexel WW System Improvements	Burke	McGill Associates	Rehab and modify treatment basins at pump station to flow equalization; replace 21,000 LF sewer, and 80 manholes (63 will be moved out of 500-yr FE)	Yes	At-Risk	0%	\$7,532,200	\$7,782,200	\$7,782,200										55	47	25	7	2	13	3.A.1. Points not given due to insufficient narrative. 3.A.2. Points given due to CIP requirements in 3.A.1 being met.	
132	Lansing, Town of	WWTP Rehabilitation	Ashe	High Country Council of Governments	New bar screen, secondary clarifier, sludge pumps, blowers build, aera piping and diffusers. Raise aeration basin, improve electrical systems.	No	At-Risk	100%	\$3,057,400	\$3,057,400	\$3,057,400										47	47	25	7	2	13		
133	Taylorsville, Town of	2022 Collection System Rehabilitation	Alexander	West Consultants, PLLC	Rehab and improve 21 pump stations, rehab 1,309 LF of sewer, replace 1,117 LF of sewer lines, rehab 25 manholes, replace 760 LF of force main.	No	At-Risk	0%	\$1,894,650	\$3,789,300	\$3,789,300										47	47	25	4	7	11		
134	Greenville Utility Commission	Wastewater Treatment Plant Clarifier Rehabilitation Project	Pitt	Greenville Utilities Commission	Construct two secondary clarifiers, and a RAS pump station, improve scum pump station, electrical upgrades	Yes	All Other	0%	\$0	\$12,000,000	\$7,500,000										47	47	25	0	15	7		
135	Ahoskie, Town of	WW-Sys Rehab	Hertford	McAdams & Associates, LLC	Replace 7,550-LF Sewer, and Rehab 1,000-LF of sewer, and 19 MH. Replace 75 sewer connections.	No	At-Risk	50%	\$0	\$4,157,400	\$4,157,400										47	47	25	0	5	17		
136	Beaufort, Town of	Sewer System Improvements	Carteret	Rivers & Associates, Inc.	Rehab 1,135-LF of sewer, line 19,182-LF GS, replace 4,355-LF GS main, 47 MH and 424 sewer services.	No	All Other	100%	\$3,328,825	\$15,369,639	\$3,328,825										77	47	25	0	5	17	2.O. Points not given due to insufficient supporting documentation. 3.A.1. Points not given due to insufficient narrative.	
137	Candor, Town of	2022 Sewer Systems Improvements	Montgomery	The Wooten Company	Clean and TV inspect 33,640 LF of sewer lines, replace 6-inch lines with 8-inch lines, repair or replace manholes, replace automated screen and grit removal, secondary clarifier scrapers, RAS/WAS pump station check valves, six	no	At-Risk	75%	\$5,500,000	\$5,674,870	\$5,674,870										49	47	25	0	5	17	4.C. Incorrect source given for % population change. Received 5 points instead of 7.	
138	Pinetops, Town of	2022 WWTP Rehabilitation	Edgecombe	The Wooten Company	Replace automated screen and grit removal, secondary clarifier scrapers, RAS/WAS pump station check valves, six	Yes	Distressed	25%	\$3,704,500	\$3,704,500	\$3,704,500										49	47	25	0	5	17	4.C. Incorrect source given for % population change. Received 5 points instead of 7.	
139	Cumberland County	Ann Street Landfill Sediment Ponds No. 2 and 3 Improvements	Cumberland	HDR Engineering, Inc. of the Carolinas	Improve 2 stormwater or sedimentation capture ponds.	Yes	Distressed	0%	\$0	\$1,763,374	\$1,763,374								\$1,763,374		62	47	20	20	0	7	2.C. Points not given due to narrative being for wrong project. 2.I. Points not given due to project not meeting intent of line item.	Green Project
140	Littleton, Town of	Pump Station Rehabilitation	Halifax	Rivers & Associates, Inc.	Rehab 6 pump stations, add SCADA, and quick connect bypass, safety rails, replace discharge pipe and check valves	yes	At-Risk	75%	\$937,500	\$1,250,000	\$1,250,000										76	47	15	6	5	21	2.C. Points not given due to insufficient narrative. 2.N.5. Points not given due to insufficient supporting documentation. 2.O. Points not awarded due to insufficient supporting documentation.	
141	Littleton, Town of	Pump Station Rehabilitation Planning	Halifax	Rivers & Associates, Inc.	Rehab 6 pump stations, add SCADA, and quick connect bypass, safety rails, replace discharge pipe and check valves	No	At-Risk	75%	\$267,500	\$267,500	\$276,500			\$276,500							76	47	15	6	5	21	2.C. Points not given due to insufficient narrative. 2.N.5. Points not given due to insufficient supporting documentation. 2.O. Points not awarded due to insufficient supporting documentation.	
142	Claremont, City of	Lyle Creek Basin Outfall - Transformational	Catawba	City of Claremont	Eliminate Catawba PS. Install 29,500 LF. And decommission Outfall. CONTINUA of 2016-AIA and CIP projects.	Yes	All Other	0%	\$0	\$9,467,700	\$9,212,700								\$9,212,700		47	47	12	8	15	12		Green Project
195	Rutherfordon, Town of	WWTP Improvements	Rutherford	Water Funding Financial	WWTP rehabilitation including new screening, flow control gates, aerators, sludge pumps, pond liners, and assorted process piping and manhole.	Yes	Distressed	0%	\$0	\$1,165,300	\$1,165,300										81	46	25	7	5	9	1.C.1. No points given due to lack of differentiation between old and new infrastructure in budget. 2.C. No points given due to lack of supporting documentation 2.N.7. No points given since points given for 2.N.5. 2.O. No points given due to lack of supporting documentation. 2.P. No points given due to lack of supporting documentation. 2.R. No points given due to lack of sufficient energy reduction and lack of supporting documentation. 3.A.1. No points given due to lack of sufficient narrative. 3.A.2. No points given due to lack of sufficient CIP length.	
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%	\$750,000	\$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%	\$2,340,000	\$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 in CIP matrix.	



**Agenda Item M-4.**

**Wastewater Projects**

**Spring 2022 Application Round**

The colors in this legend represent the example funding scenario described in the Staff Report.	Funded in VUR/State Reserve	
	Funded in VUR/State Reserve and CWSRF	
	Funded in CWSRF	
	Not Funded	

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Min. Acceptable PF/Grant \$	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		
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 NCDEQ permit.	No	At-Risk	100%	\$15,000,000	\$15,000,000	\$400,000				\$400,000							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. 2.N.7. Points not given due to insufficient narrative.		
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 NCDEQ permit.	Yes	At-Risk	0%	\$400,000	\$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. 2.N.7. 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	Yes	At-Risk	50%	\$8,000,000	\$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%	\$4,267,504	\$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%	\$0	\$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%	\$0	\$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%	\$1,180,362	\$1,180,362	\$1,180,362											45	45	15	15	15	0			
152	Edgecombe County	Lone Pine MHP Wastewater System	Edgecombe	The Wooten Company	Extend sanitary sewer line to 91 residences in disadvantaged/underserved areas	Yes	At-Risk (D/U)	100%	\$0	\$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 Bloemery & 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%	\$0	\$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. 2.N.5. No points given due to insufficient supporting		
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		34	
159	Marshville, Town of	Collection System Rehab	Union	LKC Engineering, PLLC	Replace 2,300 lf sewer, 9 manholes and 40 services.	No	All Other	0%	\$1,173,300	\$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%	\$1,322,780	\$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%	\$1,750,000	\$3,500,000	\$3,500,000											61	44	12	18	7	7	2.E.2. No points given due to insufficient supporting documentation. 2.O. No points given due to insufficient narrative.		
163	Franklinville, Town of	Ogle's Creek Pump Station & Force Main Replacement	Randolph	LKC 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%	\$1,248,000	\$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%	\$4,794,400	\$4,794,400	\$4,794,400											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 documentation.		
165	Shallotte, Town of	Pump Station Rehabilitation	Brunswick	Municipal Engineering Co.	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 calculated and calculated to be \$92.90.		
166	Spruce Pine, Town of	Sewer Rehabilitation	Mitchell	High Country COG	Rehab three pump stations and WWTP clarifier.	No	At-Risk	0%	\$803,620	\$803,620	\$803,620											43	43	25	0	7	11			
167	Fair Bluff, Town of	Regional PS & Collection System Improvements	Columbus	LKC Engineering, PLLC	Replace three pump stations in regional system, adding SCADA and generator outlet to two; rehab 15 manholes.	Yes	Distressed	100%	\$0	\$6,135,500	\$6,135,500											58	43	15	4	5	19	2.c. No points due to insufficient supporting documentation.		

**Agenda Item M-4.**

**Wastewater Projects  
Spring 2022 Application Round**

The colors in this legend represent the example funding scenario described in the Staff Report.	Funded in VUR/State Reserve	
	Funded in VUR/State Reserve and CWSRF	
	Funded in CWSRF	
	Not Funded	

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Min. Acceptable PF/Grant \$	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	
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/MHI less than 2.5%.		
169	Clayton, Town of	Neuse River Water Reclamation Facility & ECIA Pump Station and Executive Jetport Pump Station Improvements	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%	\$0	\$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%	\$1,386,750	\$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. 2.1. No points given due to insufficient narrative.		
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%	\$300,000	\$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.O points are not given because project area is quite far from the impaired stream 16-17.		
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%	\$0	\$1,568,760	\$1,568,760										57	41	15	0	5	21	2.C. No points given since issue was already addressed. N.7. No point given since redundancy will not be provided. 4.B. 8 points rather than 6 points given since calculated utility bill from rate sheet is higher.		
176	Kingstown, Town of	Macedonia Church Rd Gravity Sewer Replacement	Cleveland	West Consultants, PLLC	Replace/upsze 657 lf sewer.	No	Distressed	75%	\$280,320	\$280,320	\$280,320										56	41	15	0	5	21	2.C. No points given due to insufficient narrative and insufficient supporting documentation.		
177	Sharpsburg, Town of	2022 CS Rehab Proj	Nash	Upper Coastal Plain Council of Governments	Find and fix, approx. 5,713 lf lining, 30 point repairs, 40 service repairs, 25 manholes, 40 manhole seals, to address I&T.	Yes	Distressed	100%	\$1,478,750	\$1,478,750	\$1,478,750										61	41	15	0	5	21	1.C.1. No points given due to lack of supporting documentation 3.A.1. No points given due to insufficient narrative.	Previously Funded Ineligible. Did not provide necessary resolutions.	
178	Trenton, Town of	2022 ARPA Sewer Improvements	Jones	McDavid Associates, Inc.	Replace 11,950 lf sewer and 120 services; install pump removal slide rails in RAS/WAS tank.	No	Distressed	100%	\$0	\$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%	\$10,829,000	\$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. 2.1. 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%	\$2,928,500	\$2,928,500	\$2,928,500										76	41	0	15	5	21	1.8. 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. 2.O. No points given due to insufficient supporting documentation.		
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%	\$500,000	\$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 lf sewer main.	Yes	All Other	0%	\$550,000	\$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 lf 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 lf, CIPP 2,499 lf, and replace 9,996 lf sewer; replace 51 manholes; rehab 13 manholes; replace 48 services; replace 300 lf force main; replace pump station	Yes	Distressed	0%	\$4,686,490	\$4,686,490	\$4,686,490											39	39	25	0	5	9		

**Agenda Item M-4.  
Wastewater Projects  
Spring 2022 Application Round**

The colors in this legend represent the example funding scenario described in the Staff Report.	Funded in VUR/State Reserve	
	Funded in VUR/State Reserve and CWSRF	
	Funded in CWSRF	
	Not Funded	

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Min. Acceptable PF/Grant \$	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		
188	Beaufort, Town of	WW PS Improvements	Carteret	Rivers & Associates, Inc.	Replace five lift stations.	No	All Other	100%	\$5,000,000	\$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 documentation. 3.A.1. Points not given due to insufficient narrative. 3.A.2. points given due to fulfilling CIP requirements.		
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	Cooleemee Force Main Replacement	Davie	Hazen & Sawyer	Replace 15,840 lf sewer main.	No	At-Risk	50%	\$0	\$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 lf sewer and 101 manholes to extend sewer and decommission three private systems.	No	All Other	0%	\$5,000,000	\$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 information.		
192	Nashville, Town of	SaniSew Rehab/Reline	Nash	Mack Gay and Associates	CCTV inspection and CIPP of 51,200 lf sewer and 259 manholes; evaluate additional 15,000 lf sewer main.	Yes	At-Risk	25%	\$0	\$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 lf 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%	\$0	\$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. 2.N.5. No points given due to insufficient narrative and supporting documentation.	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 lf sewer; replace/upsized 19,008 lf sewer; replace 3,956 lf 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 lf and replace 40,973 lf 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 lf pressure sewer main, and 222 grinder systems and low pressure services to connect area on septic systems.	yes	At-Risk (D/U)	0%	\$10,121,411	\$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.	
200	Murphy, Town of	Downtown Sewer Rehabilitation	Cherokee	Town of Murphy	Replace 5,500 lf sewer and 35 manholes.	Yes	At-Risk	0%	\$0	\$2,356,738	\$2,356,738											46	35	15	0	7	13	2.E.2. Points not given due to lack of sufficient supporting documentation. 3.A.1 Points not given due to insufficient narrative. 3.A.2. Points given since 3.A.2. requirements fulfilled.		
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/upsized pump station and install 1,695 lf 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. 3.A.2. Points given since 3.A.2 requirements fulfilled.		
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%	\$0	\$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. 1.C.1. Points not given since 1.C. points not given. 1.D.1. Points given instead.		

**Agenda Item M-4.**

**Wastewater Projects  
Spring 2022 Application Round**

The colors in this legend represent the example funding scenario described in the Staff Report.	Funded in VUR/State Reserve	
	Funded in VUR/State Reserve and CWSRF	
	Funded in CWSRF	
	Not Funded	

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Min. Acceptable PF/Grant \$	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		
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. 1.C.1. Points not given since 1.C. points not given. 1.D.1. Points given instead.		
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	1.C.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/upsizes 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	Yes	Distressed	25%	\$0	\$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/upsizes 9,000 lf force main including ARVs and appurtenances.	No	All Other	50%	\$0	\$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	yes	At-Risk	50%	\$0	\$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 upsizes forcemain and appurtenances.	Yes	All Other	25%	\$0	\$408,000	\$400,000				\$400,000								32	32	2	4	15	11		
214	Greenville Utility Commission	Sanitary Sewer Rehabilitation Phase V	Pitt	Greenville Utilities 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 and project not on CIP matrix.	
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/upsizes 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%	\$0	\$85,000	\$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%	\$910,000	\$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. 2.P: No points given because project will benefit a Class C water	Reconsideration from Fall 2021, Green Project
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	Morgantown, City of	Silver Creek Pump Station Expansion	Burke	WK Dickson & Co., Inc.	Replace/upsizes 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 point in narrative, and Applicant scorecard scored 26: Category 1 total 10pts instead of 12pts.	

**Agenda Item M-4.**

**Wastewater Projects  
Spring 2022 Application Round**

The colors in this legend represent the example funding scenario described in the Staff Report.	Funded in VUR/State Reserve	
	Funded in VUR/State Reserve and CWSRF	
	Funded in CWSRF	
	Not Funded	

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Min. Acceptable PF/Grant \$	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	
222	Dobson, Town of	Ridge Rd PS & Force Main Replacement	Surry	The Lane Group, Inc.	Upgrade/upsze pump station (including new SCADA) and 4,700 IF 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. 2.1. 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.	Seeking additional funds to: SRF CS370560-18
224	Albemarle, City of	US22 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 match SOC activities. 2.I. No points given due to lack of sufficient narrative.	
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%	\$4,520,000	\$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. 2.I. No points given due to lack of narrative. 2.N.7. No points given due to lack of narrative.	
227	High Point, City of	White Mill Pump Station, Force Main Extension, and LaSalle Siphon Improvements	Guilford	CDM Smith	Preliminary design for replacement of pump station, forcemain extension and siphon.	No	All Other	0%	\$400,000	\$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/upsze 6,400 IF, 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 described in guidance.	
229	Nashville, Town of	Essex Rd and Regency Estates Sewer Ext.	Nash	Upper Coastal Plain Council of Governments	Install 3,270 IF sewer with appurtenances and manholes to connect 44 homes.	No	At-Risk	100%	\$3,039,587	\$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.	
230	Mocksville, Town of	Southpoint Pump Station	Davie	Hazen and Sawyer	Replace/upsze pump station, and install 3,500 forcemain.	No	At-Risk	50%	\$0	\$1,000,000	\$1,000,000											19	25	2	0	10	13	4.B: Points given due to calculation of rates from rate sheet.	
231	Goldsboro, City of	Phase III Sewer-Rehabilitation Project	Wayne	City of Goldsboro	Rehab 20,000 IF sewer, 260 services, and 130 manholes.	Yes	Distressed	0%	\$8,522,650	\$8,522,650	\$8,522,650											44	24	15	0	2	7	1.C.1 Points are not given due to lack of proper age documentation. 3.A.1 Points not given due to lack of appropriate narrative. 3.A.2 Points given since project listed in CIP.	Ineligible. Did not provide necessary resolutions.
232	Roanoke Rapids Sanitary District	2023 Sewer System Rehabilitation Program	Halifax	PRO, Inc.	Upsize pump station with larger pumps and new 4,700 IF forcemain.	No	All Other	0%	\$2,528,210	\$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 I 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%	\$0	\$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/upsze pump station and install 29,500 IF forcemain to pump to High Point instead of Thomasville.	Yes	At-Risk	75%	\$0	\$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/MHI. 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 IF forcemain to serve water customers in new development.	Yes	At-Risk	0%	\$4,753,900	\$4,753,900	\$4,753,900											22	22	0	0	5	17		

**Agenda Item M-4.**

**Wastewater Projects**

**Spring 2022 Application Round**

The colors in this legend represent the example funding scenario described in the Staff Report.	Funded in VUR/State Reserve	
	Funded in VUR/State Reserve and CWSRF	
	Funded in CWSRF	
	Not Funded	

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Min. Acceptable PF/Grant \$	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		
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/upszie 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 provided. 4.B. Points reduced due to improper utility bill calculation.		
241	Spruce Pine, Town of	Sewer Line Expansion	Mitchell	High Country COG	Replace/upszie 10,000 lf sewer outfall.	No	At-Risk	0%	\$5,405,500	\$5,405,500	\$5,405,500											20	20	2	0	7	11			
242	OWASA	Morgan Creek Interceptor Replacement	Orange	OWASA	Replace/upszie 2,000 lf sewer interceptor.	Yes	All Other	0%	\$0	\$1,400,000	\$1,400,000											48	18	12	0	0	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			
244	Roxboro, City of	Western Interceptor	Person	LaBella Associates	Replace 23,200 lf forcemain and a pump station.	No	Distressed	0%	\$0	\$10,000,000	\$10,000,000											33	18	2	0	5	11	1.C. No points given because project is expansion. 1.D. point given instead. 2.A. No point given because information provided in narrative does not match application.	Ineligible. Missing necessary resolutions.	
245	Warsaw, Town of	Warsaw 2022 ARPA WWTP Improvements	Duplin	McDavid Associates, Inc.	Expand WWTP, upgrade pump station and forcemain, install new pump station and forcemain.	No	All Other	100%	\$0	\$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. 3.A.1: No points given because meeting minutes showing CIP approval not provided.		
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. 3.A.1: No points given because meeting minutes showing CIP approval not provided.		
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%	\$2,000,000	\$44,295,803	\$5,000,000											42	17	12	0	5	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.		
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%	\$2,000,000	\$44,295,803	\$5,000,000												42	17	12	0	5	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	LKC 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%	\$2,175,000	\$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%	\$305,200	\$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. 2.C No points due to the reasons listed in 1.C.		
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%	\$386,300	\$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 due to the reasons listed in 1.C.		
253	Cumberland County	Ann Street Landfill Leachate PFAS Removal Pilot	Cumberland	HDR Engineering, Inc. of the Carolinas	PFAS removal pilot study using froth floatation on landfill leachate.	Yes	Distressed	0%	\$0	\$13,893,518	\$13,893,518											67	12	2	3	0	7	1.C. No points given. 1.D. points given based on project description 2.C No points given due to project being a pilot project 2.D No points given due to no promulgated regulations for PFAS. 2.O No points given due to lack of information provided.		

**Agenda Item M-4.  
Wastewater Projects  
Spring 2022 Application Round**

The colors in this legend represent the example funding scenario described in the Staff Report.	Funded in VUR/State Reserve	
	Funded in VUR/State Reserve and CWSRF	
	Funded in CWSRF	
	Not Funded	

Project No.	Applicant Name	Project Name	County	Preparer	Project Description	Provided Additional Information	ARPA Funding Type Verified	% PF/Grant Verified (not applicable to ARPA)	Min. Acceptable PF/Grant \$	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
<b>Not Eligible for funding</b>																												
	Bay River Metropolitan Sewer District	Oriental WWTF Improvements	Pamlico	Stroud Engineering, PA		Yes	Distressed		\$0	\$2,639,850	\$2,639,850										41	41	25	6	0	10		Fund Transfer not completed. Not eligible.
	Bay River Metropolitan Sewer District	Bayboro WWTF Improvements	Pamlico	Stroud Engineering, PA		No	Distressed		\$0	\$1,340,548	\$1,340,548										41	41	15	6	0	10		Fund Transfer not completed. Not eligible.
	Hendersonville, City of	WWTP Biosolids Thermal Dryer	Henderson	City of Hendersonville		Yes	All Other		\$0	\$11,855,000	\$11,855,000										46	46	15	3	15	5		Funds Transfer Certification problem: no checkboxes checked.
	Bay River Metropolitan Sewer District	Arapahoe Spray Field Addition	Pamlico	Stroud Engineering, PA		No	Distressed		\$0	\$2,571,600	\$2,571,600										30	30	2	0	0	10		Fund Transfer not completed. No PE seal on budget.
	Hillsborough, Town of	River Pump Station Relocation	Orange	Town of Hillsborough		No	All Other		\$0	\$8,188,821	\$8,188,821										45	45	0	8	15	12		No budget/seal, incomplete
	Gastonia, City of	Southeast Sewer Expansion	Gaston	LaBella Associates, PC		no	All Other		\$0	\$26,922,130	\$26,394,245										14	14	0	0	0	0		No fund transfer certification provided