

State Water Infrastructure Authority
Meeting Date: February 21, 2023
Agenda Items F and G
Fall 2022 Application Round and Example Funding Scenarios for Water and Sewer
(SRF/SRP/VUR/ARPA)
(February 17, 2023 Updates)

Division of Water Infrastructure Staff Report

Background

Staff report and Funding Scenario Spreadsheets were posted to the SWIA website on February 8, 2023. This February 17, 2023, Updates staff report reflects corrections to project eligibility, priority rating scores, and funding recommendations since February 8th. Corrections to applications not impacting funding scenario or the staff report are included in updated agenda items G-1 – G-4.

This staff report presents background information on the Fall 2022 Application Round for drinking water and wastewater applications to be funded from the Drinking Water and Clean Water State Revolving Funds (SRFs), the Drinking Water and Wastewater Reserves (State Reserves), and the Viable Utility Reserve (VUR). The Fall 2022 Application Round includes funds appropriated to Water Infrastructure Funds established in G.S. 159G. This information includes a summary of available funds and any limitation on awarding the funds, a summary of applications received, and the process staff used to apply funds in the funding scenario example presented to the State Water Infrastructure Authority (Authority). Funding demand continues to far exceed available funds. Table 1 shows a Comparison of Funding Requested from Complete and Eligible Applications (including Spring 2022 Reconsiderations) and Amount of Funding Available.

Table 1. Comparison of Funding Requested from Complete and Eligible Applications (including Spring 2022 Reconsiderations) and Amount of Funding Available						
Application Type	No. Applications	Total Requests	Approximate Amount Available			
Drinking Water Projects - Construction	211	\$1.62B	DWSRF Loan: \$71.8M	CDBG-I Grant: \$20M	ARPA Grant \$159M	State Reserve Grant: \$10M
Wastewater Projects - Construction	229	\$1.56B	CWSRF Loan: \$101.7M			
Asset Inventory & Assessment Grants	104	\$27.5M	ARPA Grant \$28.3M			
Merger/Regionalization Feasibility Grants	6	\$1.2M				
Pre-Construction Planning (water or wastewater)	25	\$16.7M				
Stormwater Construction	82	\$216.7M	ARPA Grant:			

Establish a New Stormwater Utility	4	\$1.8M	\$57.4M
Stormwater Planning	64	\$22.1M	ARPA Grant: \$24.6M
Total:	719	\$3.46B	\$472.9M

2021 and 2022 Additional Appropriations

In the Fall of 2021, the North Carolina General Assembly appropriated \$1.69 billion from the state’s allocation of the American Rescue Plan Act (ARPA) for drinking water, wastewater, and stormwater investments in Sections 12.13 and 12.14 of the Operations Appropriations Act of 2021 (S.L. 2021-180), with additional corrections in S.L. 2021-189, S.L. 2022-6, and S.L. 2022-74. In July 2022, the General Assembly appropriated an additional \$611.4 million (for a total of \$2.3 billion) from the state’s allocation of the American Rescue Plan Act and non-recurring General Funds for drinking water and wastewater investments in Section 12.9 of S.L. 2022-74.

The Division of Water Infrastructure (Division) was tasked with administering approximately \$2.1 billion as grants for drinking water, wastewater, and stormwater systems in North Carolina, which excludes administrative costs and amounts that have been transferred to other agencies. Of the \$2.1 billion, \$1.2 billion was directly appropriated for individual local government units (LGUs). The remaining \$941 million is available for funding to projects through the Authority. Those funds were appropriated into different Reserves within the Water Infrastructure Fund and the Local Assistance for Stormwater Infrastructure Investments (LASII) fund, as shown in Table 2. Table 2 also includes a summary of eligibility requirements for the appropriations.

In Calendar Year 2022, SWIA awarded \$672 million to projects and Viable Utility Reserve (VUR) training grants. There are \$269 million of the appropriated funds remaining to be awarded to projects through applications: \$187 million for drinking water and wastewater projects, and \$82 million for stormwater projects.

Table 2.
Summary of American Rescue Plan Act and Non-Recurring General Funds Appropriated for Water, Wastewater, and Stormwater Infrastructure in S.L. 2021-180 and S.L. 2022-74

NC DEQ Fund or Reserve	Purpose	Total Appropriations	Approximate Open for Competitive Grant Funding (including for previously-awarded projects)	Approximate Available for Competitive Grant Funding (at the start of the Feb. 2023 SWIA meeting)
Viable Utility Reserve	Grants for water and wastewater systems that have been designated as distressed by the State Water Infrastructure Authority and the Local Government Commission, for the purposes set forth in subdivisions (1) through (5) of G.S. 159G-32(d).	\$444,400,000	\$371,600,000	\$109,000,000
Drinking Water Reserve and Wastewater Reserve (State Reserves)	Project construction grants for public water systems and wastewater systems NC DEQ categorizes as at-risk of becoming distressed.	\$309,100,000	\$173,400,000	\$42,500,000
	Project construction grants for public water systems and wastewater systems not designated as distressed or categorized as at-risk.	\$732,525,000	\$54,100,000	\$0
	Project construction grants for public water systems and wastewater systems of any local government or nonprofit water/wastewater corporation (S.L. 2022-74).	\$611,480,444	\$182,400,000	\$7,500,000
	Grants for asset inventory and assessments, rate studies, merger/regionalization feasibility, and training and planning grants to conduct project engineering, design, or other preconstruction activities.	\$80,000,000	\$77,600,000	\$28,300,000
Local Assistance for Stormwater Infrastructure Investments Fund	Grants for local governments for projects that will improve or create infrastructure for controlling stormwater quantity or quality.	\$103,625,000	\$82,000,000	\$82,000,000
Total		\$2.3 billion	\$941,100,000	\$269,300,000

As outlined in the [NC DEQ Division of Water Infrastructure's Plan to Administer American Rescue Plan Act's State Fiscal Recovery Fund Appropriated in the State Budget for Drinking Water, Wastewater and Stormwater Projects \(Administration Plan\)](#), ARPA funds from the VUR, State Drinking Water Reserve (SDWR), and State Wastewater Reserve (SWWR) were made available in the Spring 2022 Application Round, with some funds reserved for additional awards as part of the Fall 2022 Application Round. Funds from LASII were made available for the Fall 2022 Application Round.

Fall 2022 Funds Available

The following funds are available for award for the Fall 2022 Application Round:

- Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) funds are available to LGUs and nonprofit water corporations (and investor-owned drinking water corporations for the DWSRF) in the form of low-interest loans and principal forgiveness. State Revolving Fund amounts in this staff report include a portion of the Bipartisan Infrastructure Law (BIL) General Supplemental funds for the CWSRF and DWSRF programs. The Fall 2022 Application Round does not include funding from BIL capitalization grants for Lead Service Line Replacements and for addressing Emerging Contaminants.

The Authority may consider the additional information provided in the wastewater project applications for determining funding commitments for the CWSRF. Federal requirements also specify that at least 10 percent of the annual CWSRF capitalization grant shall be used for eligible Green Projects, and at least 15 percent of available DWSRF funding shall be used for providing loan assistance to small systems.

- The Community Development Block Grant – Infrastructure (CDBG-I) is a grant fund available to low-to-moderate income (LMI) communities for water and sewer improvements. The funding scenario for these awards was presented in Agenda Item E and is therefore not a part of this staff report.
- Viable Utility Reserve (VUR): These funds are available for LGUs that were designated as distressed by the Authority and the Local Government Commission (LGC). Funds from these projects may only be used for projects that meet the requirements of G.S. 159G-32(d)(1)-(5). as follows:
 - (1) Provide physical interconnection and extension of public water or wastewater infrastructure to provide regional service.
 - (2) Rehabilitate existing public water or wastewater infrastructure.
 - (3) Decentralize an existing public water system or wastewater system into smaller viable parts.
 - (4) Fund a study of any one or more of the following:
 - a. Rates
 - b. Asset inventory and assessment
 - c. Merger and regionalization options

- (5) Fund other options deemed feasible which result in local government units generating sufficient revenues to adequately fund management and operations, personnel, appropriate levels of maintenance, and reinvestment to facilitate the provision of reliable water or wastewater services.

VUR grants are limited by NC G.S. 159G-36(d)(1) to \$15,000,000 to any single LGU. Where two or more LGUs are merging into a single utility, the total grant amount awarded will not exceed \$30,000,000. Previously awarded Viable Utility Reserve grants, including those directly allocated to recipients in the Current Operations Appropriations Act of 2021, will count towards the limit. For more information related to VUR funds from ARPA, please see the Administration Plan.

- State Reserve for drinking water/wastewater projects: For ARPA construction funds administered from the State Reserve Program (SRP), \$7.5 million is available for LGUs and nonprofit water corporations, plus an additional \$42.5 million available only for drinking water and wastewater utilities that qualify as At-Risk either via the criteria specified in the Administration Plan or by providing service to disadvantaged/ underserved areas (see the Administration Plan for details). For ARPA planning grants, funds are available for asset inventory and assessment (AIA) grants, merger/regionalization feasibility (MRF) grants, and pre-construction planning grants (PCPG). ARPA planning grants are limited to \$400,000 per eligible entity in the 2021-2023 biennium.

Additionally, regular State Reserve funds are available for both construction and planning projects. There is \$10 million in State Reserve grant funding available to be awarded in the Fall 2022 and future Application Rounds. The State Reserve grant funds may be used for MRF grants, AIA grants, drinking water projects, and/or wastewater projects. State Reserve loans for drinking water and wastewater projects are limited to \$3,000,000 per LGU per year, or every three years for targeted interest rate projects. State Reserve grants for drinking water and wastewater projects are limited to \$3,000,000 per LGU every three years.

- The Local Assistance for Stormwater Infrastructure Investments (LASII) fund is a new grant program offered by the Division to control stormwater quantity and/or quantity issues. This is the first round this stormwater funding is available, following the creation of a new Priority Rating System in July 2022. Division staff have based their funding recommendations on the [Plan to Administer American Rescue Plan Act's State Fiscal Recovery Fund Appropriated in the State Budget for Stormwater Projects](#) (LASII fund). A Staff Report summarizing the LASII funding round and providing funding scenarios for LASII awards is provided as Agenda Items H and I.

ARPA funds, including LASII, must be expended by December 31, 2026 whereas regular State Reserve funds as well as DWSRF and CWSRF funds do not have this time restriction. Table 3 summarizes funds available for award as part of the Fall 2022 Funding round.

Table 3 - Funds Available - Fall 2022 Application Round		
	Fund or Reserve	Funds
SRF:	DWSRF	~\$71,800,000
	CWSRF	~\$101,700,000
CDBG-I:		\$20,000,000
Viable Utility Reserve ^a :	2019 appropriation (non-ARPA)	\$0
	ARPA appropriations	\$109,034,008
State Reserves:	Annual appropriation (non-ARPA) ^b	\$10,000,000
	ARPA At-Risk	\$42,505,610
	ARPA All Other Systems	\$0
	ARPA S.L. 2022-74	\$7,546,321
	ARPA Planning/Study grants	\$28,269,846
LASII:	Stormwater construction ^c	\$57,446,375
	Stormwater planning	\$24,619,875
Approximate Total:		\$472,922,035

^a VUR funds include funds for both construction projects and study/planning grants.

^b Non-ARPA State Reserves intended to be split between February 2023 and Fall 2023 Application Round.

^c Includes funding for Establishing a New Stormwater Utility.

Summary of Applications Received

Fall 2022 Application Round applications were due September 30, 2022. Excluding applications for stormwater, 603 drinking water and wastewater applications, including reconsidered unfunded Spring 2022 applications, were received from 299 applicants in 94 of the 100 counties across the state. Of these, ~~28~~ 20 applications (~~4.6%~~ 3.3%) were not complete and are not eligible for consideration for funding. The ~~575~~ 583 complete and eligible applications for drinking water and wastewater projects include four CDBG-I applications, ~~436~~ 444 construction applications, and 135 planning applications.

A summary of the number of applications for consideration by funding source and project type is shown in Table 4, and a similar summary showing requested funding amounts is shown in Table 5. Drinking water and wastewater construction project applications are eligible for ARPA, regular State Reserve, SRF funds, and CDBG-I funds (discussed in Agenda Item E). Study grant applications from

LGUs designated as Distressed are eligible to be funded out of either the State Reserve ARPA planning grants or from the VUR. All other study grant applications are eligible to be funded out of the State Reserve ARPA planning grants. VUR and ARPA caps and limits apply, as described in the ARPA Administration Plan.

Requested funding for construction projects far exceeds the amount of available funds for this round. At the end of this funding round, there will be no additional ARPA grant funds available for drinking water and wastewater construction applications, but SRF loans, principal forgiveness loans and CDBG-I grants will continue to be available. Requests for planning grants exceed availability, but due to eligibility requirements and caps, some planning grant funds will remain after this funding round. Information about remaining planning grant funds will be made available as part of the Fall 2023 funding round.

During the Spring 2022 Funding round, Authority members requested additional information on the types of projects in applications received. Table 6 shows the number of applications from distressed systems, the number that self-identified that the project is the result of a previously awarded AIA or MRF, and projects that received prioritization for certain, but not all, priority line items.

Table 4. Number of Applications (including reconsidered Spring 2022 applications)

Category	Drinking Water	Wastewater	AIA	MRF	Stormwater (LASII)	Total
Incomplete/Ineligible	3	11	6	0	20	40
Complete and Eligible:						
Construction/Planning: Distressed	64	84	31			179
Construction: At-Risk	60	70				130
Construction: At-Risk (D/U)	8	6				14
Construction: All Other Systems	81	71				152
Construction: CDBG-I	1	3				4
Construction: Stormwater					83	83
Establish a Stormwater Utility ^a					4	4
Planning	10	15	73	6	64	168
Total Complete and Eligible:	224	249	104	6	151	734

Table 5. Summary of Funds Requested in Complete and Eligible Applications (including reconsidered Spring 2022 applications)

Category	Drinking Water	Wastewater	AIA	MRF	Stormwater (LASII)	Total
Construction/Planning: Distressed	\$312,064,368	\$391,890,335	\$9,167,880			\$713,122,583
Construction: At-Risk	\$386,936,770	\$359,599,842				\$746,536,612
Construction: At-Risk (D/U)	\$30,829,677	\$47,794,898				\$78,624,575
Construction: All Other Systems	\$958,036,544	\$777,153,167				\$1,735,189,711
Construction: CDBG-I	\$2,000,000	\$3,905,609				\$5,905,609
Construction: Stormwater					\$219,720,193	\$219,720,193
Establish a Stormwater Utility ^a					\$1,800,000	\$1,800,000
Planning	\$10,979,590	\$5,732,000	\$18,327,728	\$1,200,000	\$22,105,335	\$58,344,653
Total Complete and Eligible:	\$1,700,846,948	\$1,586,075,851	\$27,495,608	\$1,200,000	\$243,625,528	\$3,559,243,935

^a Per Section 12.14 of S.L. 2021-180, funds for establishing a stormwater utility will be awarded from the LASII construction funds.

Table 6. Summary of Project Applications Receiving Specific Project Purpose or Project Benefits Priority

Project Type (excluding CDBG-I)	Parameter Type												
	Total	Distressed	Result of Awarded AIA/MRF [†]	Loan Swap for ARPA Grant	Consolidate a Non-Viable Utility ^a	Failing Infrastructure ^b	Old Infrastructure ^c	Service to Disadvantaged Areas ^d	Lead Service Lines ^e	Emerging Contaminants ^f	Merger/Regionalization ^g	Resiliency ^h	Benefits to Disadvantaged Areas ⁱ
Drinking Water	210	63	19	4	0	5	123	8	7	10	8	64	32
Wastewater	226	82	43	8	0	4	158	5		1	5	93	25
DW – Pre-Construction Planning	10	3	0	0	0	0	4	2	0	1	1	5	3
WW – Pre-Construction Planning	15	4	4	0	0	1	5	0		0	1	5	1
DW/WW Planning – AIA	104	31											
DW/WW Planning - MRF	6	3 ^j											
Stormwater Construction													54
Stormwater Planning													43
Stormwater New Utility													2
Total (excluding CDBG-I)	571	186	66	12	0	10	290	15	7	12	15	166	160

Feb 17 update – Staff unable to update table values at this time to reflect the 14 projects deemed eligible between Feb 8 and Feb 17.

^a Non-Viable Utility - successfully claimed Line Item 1A of the Construction Priority Rating Systems for WW/DW.

^bFailing Infrastructure - successfully claimed Line Item 1.B of the Construction Priority Rating Systems for WW/DW.

^cOld Infrastructure - successfully claimed Line Items 1.C.1 or 1.D.1 of the Construction Priority Rating Systems for WW/DW.

^dService to Disadvantaged Area - successfully claimed Line Item 1.E of the Construction Priority Rating Systems for WW/DW. Does not include similar applications that successfully claimed Line Item 1.B (failing infrastructure) points instead.

^eLead Service Lines -successfully claimed Line Item 2.B.2 of the Construction Priority Rating Systems for WW/DW.

^fEmerging Contaminants - successfully claimed Line Item 2.H.3 of the Construction Priority Rating Systems for WW/DW.

^gMerger/Regionalization - successfully claimed Line Items 2.F.1 or 2.F.2 of the Construction Priority Rating Systems for WW/DW.

^hResiliency - successfully claimed one of Line Items 2.N.1 through 2.N.7 of the Construction Priority Rating Systems for WW/DW.

ⁱBenefits to Disadvantaged Areas - successfully claimed Line Item 4.D of the Construction Priority Rating Systems for WW/DW, Line Item 4.C of the Stormwater Construction Priority Rating System, or Line Item 3.C of the Stormwater Planning Priority Rating System.

^jIncluding two applications that include one or more local government units that are designated as distressed.

[†]Self-Identified

Example Funding Scenario for SRF, State Reserve, and Viable Utility Reserve

The Authority may consider multiple funding scenarios. In the example funding scenario presented, applications are shown as receiving funds as follows:

- Fully fund all complete and eligible MRF projects with ARPA State Reserve Study Grant funds, up to \$400,000 per recipient.
- Fully fund remaining complete and eligible MRF projects with non-ARPA State Reserve Study Grant funds up to \$50,000 per recipient. Only one project application requested funding in excess of the \$400,000 ARPA study grant cap.
- Fund all complete and eligible AIA grant applications from LGUs designated as distressed with ARPA State Reserve Study Grant funds, up to \$400,000 per recipient.
- Fund all complete and eligible pre-construction planning study grants from the ARPA State Reserve Study Grant funds, up to \$400,000 per recipient.
- Fund all complete and eligible AIA grant applications with a priority score of 9 or greater from ARPA State Reserve Study Grant funds, up to \$400,000 per recipient.
- Fund all remaining complete and eligible AIA grant applications from LGUs designated as distressed with ARPA VUR Grant funds (VUR awards require approval from both SWIA and the LGC).
- Fund remaining complete and eligible AIA grant applications with a priority score of 9 or greater from non-ARPA State Reserve Study Grant funds, up to \$150,000 per recipient.

Note for the ARPA construction project funding scenario: recommendations include consideration for equitable distribution of ARPA funds between drinking water and wastewater projects while also providing funds to all eligible projects receiving the same priority rating score.

- Fund eligible applications for ARPA VUR funds in priority order up to the statutory funding limit.
- Fund eligible applications for ARPA State Reserve At-Risk Funds in priority order up to the funding limits.
- Fund eligible applications for non-ARPA State Reserve Funds in priority order to either fully fund project with State Reserve or to complete funding request where other caps did not meet project costs up to the funding limit.

- State Reserve funds are used to offer the best available funding for drinking water and wastewater project applications using the appropriate Priority Rating System order (until funds are exhausted) in the following order:
 - Principal forgiveness (PF) to eligible projects. Per the 2022 CWSRF and DWSRF Intended Use Plans, the PF limit of \$500,000 may be exceeded up to the grant percentage determined by the Affordability Criteria if funds are available. PF is only recommended to projects eligible for 100 percent PF, or to projects recommended to receive funding from the SRF or other funding sources.
 - SRF loan funds to eligible projects.
- Multiple projects were not recommended for funding because there were not sufficient grant or PF funds available to meet the minimum grant funding the applicant indicated was needed for the project to move forward. See staff notes on spreadsheet.

Project-Specific Notes

MRF Applications for Funding

- 100% of MRFs applications are shown in the funding scenario as funded
 - \$1.2M funding requested,
 - \$1.15M funding shown is scenario
- Three out of six of the MRFs (50%) are focused on viability of distressed units, including two partnerships (Fair Bluff/LRCOG and Martin County/MCRWSA)
- The Town of Sedalia is a historically underserved and disadvantaged community that relies solely on private wells and septic systems. This drinking water and wastewater MRF will study the policies and organizational options for Sedalia to merge with the City of Greensboro’s existing drinking water and wastewater systems, which currently serve the Charlotte Hawkins Brown Museum and State Historic Site within Sedalia’s town limits.
- The Lumber River COG (LRCOG) submitted a joint application for \$195,000 on behalf of Bladenboro, Boardman, Cerro Gordo, Dublin, Ellerbe, Fair Bluff, Fairmont, Gibson, Proctorville, and Rowland to perform a rate study and rate education program in conjunction with a concurrent, technically focused MRF funded in the Spring 2022 Application Round. This MRF will focus on the organizational and financial aspects of the various drinking water and wastewater regional solutions being evaluated in the existing MRF. Dublin, Gibson, and Ellerbe also applied for AIAs this round, while all of the other systems have ongoing or completed AIAs.
- Martin County Regional Water and Sewer Authority submitted a joint application for \$500,000 on behalf of Bear Grass, Everetts, Hamilton, Hassell, Jamesville, Martin County, Oak City, Parmelee, Robersonville, and Williamston to investigate various drinking water and wastewater regionalization efforts among the partnering systems and to conduct both status quo and 20-year rate studies for each set of regionalization alternatives. Everetts, Hamilton, Jamesville, Martin County, Parmelee, Robersonville, and Williamston all have ongoing AIAs as part of the regionalization efforts.

AIA Applications for funding

- 31 out of 31 AIA applications (100%) from distressed units are shown as funded in the funding scenario.
 - \$9.2M funding requested,
 - \$9.0M funding shown in scenario
- No AIA applications were received from units under LGC's fiscal control (note that AIA grants have been awarded to all D1 units in previous rounds).
- Town of Beulaville (Distressed) is requesting \$807,500 for a wastewater AIA after having received \$205,000 for a wastewater AIA and \$194,400 for a drinking water AIA in the Spring 2022 Application Round. The latest application claims to be building upon the existing wastewater AIA project, but the Division has not received scopes for the current projects. Staff recommend awarding funds to meet the Fall 2022 application budget considering past awards.
- Town of Winterville is requesting \$150,000 to develop a wastewater Master Plan in conjunction with a potential merger with Contentnea Metropolitan Sewage District,
- Projects that will help address PFAS: Bladen County Water District and Eastover Sanitary District
- Projects that will help address Lead and Copper Rule/Lead service line replacement: Dallas, Elizabeth City, High Point, and Scotland County

Drinking Water Project Applications

- 19 out of 67 Drinking Water project applications (28%) from distressed units are shown as funded in the scenario.
 - \$313.9M funding requested,
 - \$69.7M funding recommended (22%).
- Two applications from units under LGC fiscal control were received – both from Robersonville – and neither received high enough prioritization to be funded in the scenario.
 - Robersonville Meter Replacement Project (48 pts)
 - DW SCADA Replacement (48 pts)
- The following systems provided applications for funding more than the ARPA funding limits established in the ARPA Administration Plan. The funding scenario includes SRF funds to more fully fund the project; however, accepting SRF funds will require that the entire project meets SRF federal conditions:
 - Gray's Creek Water and Sewer District
- Additional PF is available to exceed the \$500,000 cap for the following projects:
 - Town of Pittsboro, UV-AOP Treatment Facilities
 - Town of Pittsboro, Additional PFAS Treatment Facilities
 - City of Sanford, Water Filtration Facility Expansion

- Town of Pittsboro has been designated as a distressed system. The Town submitted applications for UV-AOP Treatment Facilities and Additional PFAS Treatment Facilities to improve water treatment. The project applications did not demonstrate a project purpose meeting funding requirements in subdivisions (1) through (5) of G.S. 159G-32(d) as described above. Therefore, projects are bypassed for VUR funds in the funding scenario. Both projects are included in the funding scenario as funded with SRF loan with PF.
- Town of Autryville has been designated as distressed. The Town applied for a Water System Extension project that is intended to provide water service to new customers, including customers with PFAS-impacted private wells. The project application did not demonstrate a project purpose meeting funding requirements in subdivisions (1) through (5) of G.S. 159G-32(d) as described above. Therefore, the project is bypassed for VUR funds in the funding scenario. The project did not score high enough to be in the funding range for other funding sources.
- Town of River Bend had two applications with point adjustments since Feb 8th. The construction project was bypassed because the ARPA funding cap was met. The Pre-construction planning grant project remains shown as funded at \$100,000 to meet the planning grant funding cap.
- Town of Stovall is the last drinking water project funded with ARPA VUR funds.
- City of Hamlet is the last drinking water project funded with ARPA State Reserve At-Risk System funds.
- Gray's Creek Water and Sewer District is the last drinking water project funded with S.L 2022-74 State Reserve funds. The project also is recommended to receive a DWSRF loan with PF.
- Town of Fuquay Varina is the last project funded with DWSRF funds. Project is partially funded with remaining DWSRF funds made available for this round.

Wastewater Project Applications

- 19 out of 89 Clean Water project applications (21%) from distressed units are shown as funded in the scenario.
 - \$396.5M funding requested,
 - \$114.3M funding recommended (29%).
- Three applications from units under LGC fiscal control were received – two from Kingstown and one from Eureka:
 - Kingstown: Lift Station, Gravity Sewer, and Force main Improvements (60 points; in the funding scenario)
 - Kingstown: Macedonia Church Rd Gravity Sewer Replacement (38 points; not in the funding scenario)
 - Eureka: Wastewater Collection System Improvements (51 points; not in the funding scenario)

- Pikesville’s 2023 Wastewater Improvements project is in the funding scenario for funding. Pikesville was designated as Distressed as a D1 unit, although the LGC has recently returned fiscal control to the town.
- The following systems provided applications for funding more than the ARPA funding limits established in the ARPA Administration Plan. The funding scenario includes SRF funds and PF to more fully fund the project; however, accepting SRF funds will require that the entire project meets SRF federal conditions:
 - Town of Pikeville, Wastewater Improvements
 - City of Southport, Evaluation and Rehab of Wastewater System
 - Town of Spindale, Oak Street Pump Station
- Town of Roseboro’s 2022 Old Cement and Clay Rehabilitation project application indicated requested funding for \$9.1M to meet total project cost. The project was previously awarded a \$6.4M ARPA grant in Spring 2022. Recommended award (\$2.7M) will fund to meet project costs in the application.
- Additional PF is available to exceed the \$500,000 cap for the following projects:
 - Town of Pikeville, 2023 Wastewater Improvements
 - Town of Pollocksville, WWTP Replacement Project
 - Town of Pollocksville, Pump Station 2 Relocation
 - Town of Elm City, Lagoon Improvements and Dredging Project
 - ~~○ Town of Pittsboro, Wastewater Transmission System Improvements~~
- The Town of Elm City, Lagoon Improvements and Dredging Project application was determined to be eligible for funding and scores within the funding range for SRF loan and PF.
- The Town of Kingstown, Lift Station, Gravity Sewer, and Force main Improvements project priority points were corrected and is within the funding range for SRF loan and PF.
- Town of Wilkesboro, Cub Creek III Stream Restoration project is bypassed for CWSRF Green Project reserve since the project is included for funding from ARPA LASII SW Construction funds.
- The Town of Williamston Skewarkee Gut Sewer Outfall Rehabilitation project is included for funding from CWSRF with PF. The preconstruction planning grant for the same project is no longer shown as funded with ARPA Study Grant.
- ~~● Town of Wilkesboro, Cub Creek III Stream Restoration project is funded with CWSRF Green Project reserve to meet CWSRF requirements.~~
- Town of Severn, Stormwater Drainage Improvements project is funded with CWSRF Green Project reserve to meet CWSRF requirements.

- Cumberland County, Landfill Gas Collection and Treatment Improvements project is funded with CWSRF Green Project reserve to meet CWSRF requirements.
- Town of Pikeville is the last wastewater project funded with ARPA VUR funds and is funded with all remaining ARPA VUR funds. This project is also funded with CWSRF PF.
- Town of Spindale is the last wastewater project funded with ARPA State Reserve At-Risk System funds.
- City of Southport is the last wastewater project funded with S.L 2022-74 State Reserve funds and is also funded with CWSRF. The project is shown receiving all remaining ARAP S.L. 2022-74 funds. There are insufficient ARPA not funds to fund the project to the \$5M ARPA cap for Other Systems.
- City of Albemarle is the last wastewater project funded with CWSRF funds that is not eligible for Green Project Reserve.

The scenario utilizes available funds and proposes to fund 168 projects from the SRF, SRP and VUR funds for approximately ~~\$378~~ \$382 million. Table 6 indicates the number of applications that would be funded and Table 7 indicates the funding amounts for the different funding source.

This scenario is detailed in Tables G-1 through G-5 below. Those tables identify the projects that would be funded under the example funding scenario described above (preliminary information). A full list of applications, including those that would not be funded under this scenario, are shown in the accompanying spreadsheets. Project numbers in the tables below reference project numbers in the accompanying spreadsheets.

Category	Drinking Water	Wastewater	AIA	MRF	Stormwater (LASII)	Total
Construction/Planning: Distressed	17	16	31			64
Construction: At-Risk	5	7				12
Construction: At-Risk (D/U)	1	2				3
Construction: All Other Systems	3	1				4
Construction: CDBG-I	1	3				4
Construction: Stormwater					19	19
Establish a Stormwater Utility ^a					4	4
Planning	8	10	61	6	53	138
Total Number of Funded Projects	35	39	92	6	76	248

Funding Source	Drinking Water	Wastewater	AIA	MRF	Stormwater (LASII)	Total
Viable Utility Reserve: ARPA	\$50,981,480	\$54,787,648	\$3,264,880	\$0		\$109,034,008
State Reserves: ARPA At-Risk	\$20,456,937	\$22,048,673				\$42,505,610
State Reserves: ARPA All Other Systems						\$0
State Reserves: ARPA S.L. 2022-74	\$4,871,016	\$2,675,305				\$7,546,321
State Reserves: ARPA planning/studies	\$2,055,000	\$3,222,000	\$20,342,728	\$1,100,000		\$26,719,728
State Reserves: Non-ARPA	\$0	\$2,780,850	\$503,000	\$50,000		\$3,333,850
DWSRF (incl. principal forgiveness)	\$86,677,679					\$86,677,679
CWSRF (incl. principal forgiveness)		\$106,499,620				\$106,499,620
Construction: CDBG-I	\$1,000,000	\$3,905,609				\$4,905,609
LASII: Stormwater construction					\$57,446,375	\$57,446,375
LASII: Stormwater planning					\$18,265,335	\$18,265,335
Total Funding Amounts	\$166,042,112	\$195,919,705	\$24,110,608	\$1,150,000	\$75,711,710	\$462,934,135

Table G-1. Merger/Regionalization Feasibility (MRF) Grant Applications – Example Funding Scenario						
Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential ARPA SRP Grant Amount	Potential non-ARPA State Reserve Grant Amount	County
1	Lumber River Council of Governments	LRCOG Rate Studies and Rate Education Project	\$195,000	\$195,000	\$0	Bladen/Hoke/ Richmond/Robeson/Scotland
2	Martin County Regional Water and Sewer Authority	Partnership Evaluation	\$500,000	\$400,000	\$50,000	Martin
3	Colerain, Town of	2022 MRFS (Wastewater)	\$50,000	\$50,000	\$0	Bertie
4	Sedalia, Town of	Town of Sedalia WW MRFS	\$50,000	\$50,000	\$0	Guilford
5	Saluda, City of	Merger/Regionalization Feasibility Study	\$350,000	\$350,000	\$0	Polk/Henderson
6	West Jefferson, Town of	Jefferson/West Jefferson Emergency Water Interconnection Feasibility Study	\$55,000	\$55,000	\$0	Ashe
Totals for MRF Grants				\$1,100,000	\$50,000	Total: \$1,150,000

Table G-2. Asset Inventory and Assessment (AIA) Grant Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential ARPA VUR Grant Amount	Potential ARPA SRP Grant Amount	Potential non-ARPA State Reserve Grant Amount	County
1	Enfield	Water Sys AMP	\$200,000	\$0	\$200,000	\$0	Halifax
2	Eastover Sanitary District	Water System AIA	\$250,000	\$0	\$250,000	\$0	Cumberland
3	Ellerbe, Town of	Town of Ellerbe Wastewater AIA	\$200,000	\$0	\$200,000	\$0	Richmond
4	Landis, Town of	Sanitary Sewer Asset Assessment and Evaluation	\$400,000	\$0	\$400,000	\$0	Rowan
6	Marion	Sewer AIA	\$400,000	\$0	\$400,000	\$0	McDowell
7	Lucama, Town of	Water AIA	\$208,360	\$0	\$208,360	\$0	Wilson
8	Dunn, City of	Sewer System AIA	\$400,000	\$0	\$400,000	\$0	Harnett
9	South Granville Water & Sewer Authority	Asset Inventory and Assessment - Sewer System	\$200,000	\$0	\$200,000	\$0	Granville
10	Bryson City	Bryson City Water Asset Inventory and Assessment	\$200,000	\$0	\$200,000	\$0	Swain
11	Bryson City	Bryson City Sewer System Asset Inventory and Assessment	\$200,000	\$0	\$200,000	\$0	Swain
12	Farmville, Town of	Sanitary Sewer System AIA Evaluation	\$605,000	\$345,000	\$260,000	\$0	Pitt
13	Farmville, Town of	Water System AIA Evaluation	\$140,000	\$0	\$140,000	\$0	Pitt
14	Martin County	Water AIA	\$400,000	\$0	\$400,000	\$0	Martin
15	Dublin, Town of	Wastewater System AIA Update	\$250,000	\$0	\$250,000	\$0	Bladen
16	Marshville, Town of	Water AIA	\$181,900	\$0	\$181,900	\$0	Union

Table G-2. Asset Inventory and Assessment (AIA) Grant Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential ARPA VUR Grant Amount	Potential ARPA SRP Grant Amount	Potential non-ARPA State Reserve Grant Amount	County
17	Siler City, Town of	AIA - Sewer System	\$400,000	\$0	\$400,000	\$0	Chatham
18	Eastover Sanitary District	Sewer System AIA	\$150,000	\$0	\$150,000	\$0	Cumberland
19	Vance County Water District	Water System AIA	\$250,000	\$0	\$250,000	\$0	Vance
20	Bladen County Water District	Water System AIA	\$400,000	\$0	\$400,000	\$0	Bladen
21	Lucama, Town of	Sewer AIA	\$476,400	\$284,760	\$191,640	\$0	Wilson
22	Seaboard, Town of	Water System AIA	\$197,800	\$0	\$197,800	\$0	Northampton
23	Beulaville, Town of	AIA Study - Sewer	\$807,500	\$602,500	\$0	\$0	Duplin
24	Halifax, Town of	Sewer System Asset Management Plan	\$200,000	\$0	\$200,000	\$0	Halifax
25	Gibson, Town of	Gibson AIA - Water System	\$200,000	\$0	\$200,000	\$0	Scotland
26	Cameron, Town of	AIA-Water System	\$160,000	\$0	\$160,000	\$0	Moore
27	Dallas, Town of	Lead Line Service Inventory	\$200,000	\$0	\$200,000	\$0	Gaston
28	Elizabeth City	Providence/Charles I&I Reduction Plan	\$300,000	\$0	\$300,000	\$0	Pasquotank/Camden
29	Stanly County	AIA Sewer Badin District	\$187,500	\$187,500	\$0	\$0	Stanly
30	Lenoir, Town of	Water AIA	\$200,000	\$0	\$200,000	\$0	Caldwell
31	Lenoir, Town of	Sewer AIA	\$200,000	\$0	\$200,000	\$0	Caldwell
32	Newland, Town of	Newland - Gravity Sewer Collection System AIA Study	\$150,000	\$0	\$150,000	\$0	Avery

Table G-2. Asset Inventory and Assessment (AIA) Grant Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential ARPA VUR Grant Amount	Potential ARPA SRP Grant Amount	Potential non-ARPA State Reserve Grant Amount	County
33	Winterville, Town of	Winterville Sewer Master Plan	\$150,000	\$0	\$150,000	\$0	Pitt
34	Scotland County	AIA Grant for LCRR	\$150,000	\$0	\$0	\$150,000	Scotland
35	Edenton, Town of	2022 Collection System Asset Inventory and Assessment	\$400,000	\$400,000	\$0	\$0	Chowan
36	Ayden	AIA Sanitary Sewer System	\$580,000	\$180,000	\$400,000	\$0	Pitt
37	Seaboard, Town of	Wastewater System AIA	\$526,275	\$324,075	\$202,200	\$0	Northampton
38	Bald Head Island	Water AIA	\$253,000	\$0	\$253,000	\$0	Brunswick
39	Biscoe, Town of	Biscoe Water System AIA	\$175,000	\$0	\$175,000	\$0	Montgomery
41	Magnolia, Town of	Water System AIA	\$231,625	\$0	\$231,625	\$0	Duplin
42	Carthage, Town of	Carthage Sewer AIA	\$200,000	\$0	\$200,000	\$0	Moore
43	Elizabeth City	Lead Detection & Replacement Plan Ph1	\$100,000	\$0	\$100,000	\$0	Pasquotank/Camden
44	Whitakers, Town of	Sanitary Sewer System AIA	\$565,125	\$384,045	\$181,080	\$0	Nash/Edgecombe
45	Whitakers, Town of	Water System AIA	\$218,920	\$0	\$218,920	\$0	Nash/Edgecombe
46	Broadway, Town of	Sewer Sys AIA to Support Regionalization	\$400,000	\$0	\$400,000	\$0	Lee
48	Newland, Town of	Newland - Drinking Water Distribution System AIA Study	\$150,000	\$0	\$150,000	\$0	Avery
50	Richmond County	Richmond County Asset Inventory and Assessment - Water System	\$300,000	\$0	\$300,000	\$0	Richmond
51	Pasquotank County	RO System AIA	\$150,000	\$0	\$150,000	\$0	Pasquotank

Table G-2. Asset Inventory and Assessment (AIA) Grant Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential ARPA VUR Grant Amount	Potential ARPA SRP Grant Amount	Potential non-ARPA State Reserve Grant Amount	County
52	Columbia	Columbia AIA Study - Sewer	\$243,000	\$243,000	\$0	\$0	Tyrrell
53	Stovall, Town of	Sewer System AIA	\$200,000	\$0	\$200,000	\$0	Granville
54	Stokesdale, Town of	AIA - Water	\$300,000	\$0	\$300,000	\$0	Guilford
55	Lincolnton, City of	Wastewater AIA project	\$300,000	\$0	\$300,000	\$0	Lincoln
56	Lincolnton, City of	2022 Water AIA project	\$100,000	\$0	\$100,000	\$0	Lincoln
57	Walnut Creek, Village of	Wastewater AIA Mapping	\$130,000	\$0	\$130,000	\$0	Wayne
58	King, City of	Wastewater Asset Inventory and Assessment	\$200,000	\$0	\$200,000	\$0	Stokes/Forsyth
59	Lansing, Town of	2022 Wastewater AIA	\$250,000	\$0	\$250,000	\$0	Ashe
60	Colerain, Town of	Collection System AIA	\$325,000	\$0	\$325,000	\$0	Bertie
61	West Jefferson, Town of	Water Sys AIA Study	\$200,000	\$0	\$100,000	\$100,000	Ashe
62	West Jefferson, Town of	Wastewater Sys AIA Study	\$200,000	\$0	\$200,000	\$0	Ashe
63	Seven Springs, Town of	AIA Study - Sewer	\$262,000	\$0	\$262,000	\$0	Wayne
65	Walnut Creek, Village of	Drinking Water AIA mapping	\$100,000	\$0	\$100,000	\$0	Wayne
66	Old Fort, Town of	Sewer AIA	\$253,000	\$0	\$253,000	\$0	McDowell
67	Walstonburg	AIA and Water Model	\$50,000	\$0	\$50,000	\$0	Greene
68	Stovall, Town of	Water System AIA	\$200,000	\$0	\$200,000	\$0	Granville
69	Bald Head Island	Sewer AIA	\$253,000	\$0	\$126,500	\$126,500	Brunswick
70	Newton Grove, Town of	Newton Grove Sewer AIA	\$314,000	\$314,000	\$0	\$0	Sampson

Table G-2. Asset Inventory and Assessment (AIA) Grant Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential ARPA VUR Grant Amount	Potential ARPA SRP Grant Amount	Potential non-ARPA State Reserve Grant Amount	County
71	Newton Grove, Town of	Newton Grove Water AIA	\$313,000	\$0	\$313,000	\$0	Sampson
72	Cove City, Town of	Water Sys AIA	\$155,360	\$0	\$155,360	\$0	Craven
73	Cove City, Town of	Sewer Sys AIA	\$238,875	\$0	\$238,875	\$0	Craven
74	Lansing, Town of	2022 Water AIA	\$140,000	\$0	\$140,000	\$0	Ashe
75	Lewiston-Woodville, Town of	Sewer System AIA	\$335,000	\$0	\$335,000	\$0	Bertie
76	Moore County	Moore County Water AIA (Vass and Pinehurst)	\$400,000	\$0	\$400,000	\$0	Moore
77	Duplin County Albertson Water and Sewer District	AIA Water System Improvements	\$339,088	\$0	\$339,088	\$0	Duplin
78	Duplin County	Water Sys AIA	\$249,000	\$0	\$249,000	\$0	Duplin
79	Duplin County Water District B	Water Sys AIA	\$386,544	\$0	\$386,544	\$0	Duplin
80	Duplin County Water District D	Water Sys AIA	\$400,000	\$0	\$400,000	\$0	Duplin
81	Duplin County Water District E	Water Sys AIA	\$398,504	\$0	\$398,504	\$0	Duplin
82	Duplin County Water District F	Water Sys AIA	\$396,856	\$0	\$396,856	\$0	Duplin
83	Duplin County Water District G	Water Sys AIA	\$351,976	\$0	\$351,976	\$0	Duplin
84	Nags Head, Town of	Water System A&A	\$244,000	\$0	\$244,000	\$0	Dare
85	Old Fort, Town of	Water AIA	\$253,000	\$0	\$126,500	\$126,500	McDowell

Table G-2. Asset Inventory and Assessment (AIA) Grant Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential ARPA VUR Grant Amount	Potential ARPA SRP Grant Amount	Potential non-ARPA State Reserve Grant Amount	County
86	Maysville	Water Model & GPS Locating System Components	\$120,000	\$0	\$120,000	\$0	Jones
87	Drexel, Town of	Water Sys AIA	\$350,000	\$0	\$350,000	\$0	Burke
88	Boone, Town of	Sewer System AIA	\$125,000	\$0	\$125,000	\$0	Watauga
89	Boone, Town of	Water System AIA	\$275,000	\$0	\$275,000	\$0	Watauga
90	Elk Park, Town of	Fall 2022 Water AIA	\$400,000	\$0	\$400,000	\$0	Avery
92	Pfeiffer-North Stanly Water Association	Water AIA	\$200,000	\$0	\$200,000	\$0	Stanly
93	Thomasville, City of	Sewer Asset Inventory & Assessment	\$400,000	\$0	\$400,000	\$0	Davidson
94	Severn, Town of	DW Distribution AIA	\$150,000	\$0	\$150,000	\$0	Northampton
95	Severn, Town of	WW Collection AIA	\$150,000	\$0	\$150,000	\$0	Northampton
96	Mebane, City of	Sewer AIA	\$100,000	\$0	\$100,000	\$0	Alamance/Orange
97	Havelock, City of	Water Distribution Asset Inventory	\$150,000	\$0	\$150,000	\$0	Craven
98	Havelock, City of	Wastewater Asset Inventory	\$150,000	\$0	\$150,000	\$0	Craven
Totals for AIA grants:				\$3,264,880	\$20,342,728	\$503,000	Total: \$24,110,608

Table G-3. Drinking Water Project Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested	Potential ARPA VUR Grant Amount	Potential ARPA SRP "At-Risk" Grant Amount	Potential ARPA SRP SL 2022-74 Grant Amount	Potential ARPA SRP Study Grants	Potential non-ARPA State Reserve Grant Amount	DWSRF PF	DWSRF Loan	County
1	Chadbourn, Town of	2022 Water Distribution System Improvements	\$5,472,000	\$0	\$5,472,000	\$0	\$0	\$0	\$0	\$0	Columbus
2	McDowell County	East End Water Project	\$2,836,740	\$0	\$2,836,740	\$0	\$0	\$0	\$0	\$0	McDowell
3	Pittsboro, Town of	Pittsboro WTP - UV-AOP Treatment Facilities	\$12,224,000	\$0	\$0	\$0	\$0	\$0	\$12,224,000	\$0	Chatham
4	Pittsboro, Town of	Pittsboro WTP - Additional PFAS Treatment Facilities	\$5,680,000	\$0	\$0	\$0	\$0	\$0	\$5,680,000	\$0	Chatham
5	Sanford, City of	Sanford Water Filtration Facility (WFF) Expansion	\$113,779,000	\$0	\$0	\$0	\$0	\$0	\$5,430,830	\$19,569,170	Lee
7	River Bend, Town of	Water Treatment Improvements	\$400,000	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	Craven
8	Hobgood, Town of	Hobgood Road Water Main Replacement & Extension	\$1,784,197	\$0	\$1,784,197	\$0	\$0	\$0	\$0	\$0	Halifax
9	Hamlet, City of	Water System Improvements	\$10,364,000	\$0	\$10,364,000	\$0	\$0	\$0	\$0	\$0	Richmond
10	Gray's Creek Water and Sewer District	Gray's Creek Water Extension	\$15,000,000	\$0	\$0	\$4,871,016	\$0	\$0	\$500,000	\$9,628,984	Cumberland
11	Rocky Point Topsail Water & Sewer	RO Water Treatment Plant and Associated Improvements	\$78,750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000,000	Pender

Table G-3. Drinking Water Project Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested	Potential ARPA VUR Grant Amount	Potential ARPA SRP "At-Risk" Grant Amount	Potential ARPA SRP SL 2022-74 Grant Amount	Potential ARPA SRP Study Grants	Potential non-ARPA State Reserve Grant Amount	DWSRF PF	DWSRF Loan	County
12	Cumberland County	Water Supply Feasibility Study for GenX Response	\$400,000	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	Cumberland
13	Oxford, City of	Oxford Water System Expansion & Enhancement, Phase 5	\$3,644,695	\$0	\$0	\$0	\$0	\$0	\$500,000	\$3,144,695	Granville
14	Fuquay-Varina, Town of	Sanford WFF Expansion	\$72,383,000	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000,000	Wake
15	McAdenville, Town of	McAdenville Waterline Rehab Project: Resub-VUR Swap	\$3,749,048	\$3,749,048	\$0	\$0	\$0	\$0	\$0	\$0	Gaston
18	Enfield, Town of	Phase 7 Water System Improvements	\$6,150,350	\$6,150,350	\$0	\$0	\$0	\$0	\$0	\$0	Halifax
21	Bath, Town of	Water System Improvements - VUR	\$1,109,000	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	Beaufort
22	Dover, Town of	2022 Well Construction / Replacement Project	\$1,479,900	\$1,479,900	\$0	\$0	\$0	\$0	\$0	\$0	Craven
24	Greenevers, Town of	Automatic Meter Reading System	\$735,880	\$735,880	\$0	\$0	\$0	\$0	\$0	\$0	Duplin
25	Greenevers, Town of	Greenevers 2023 Water System Improvements	\$3,025,000	\$3,025,000	\$0	\$0	\$0	\$0	\$0	\$0	Duplin
26	Washington County	Roper Interconnection Repairs	\$970,200	\$970,200	\$0	\$0	\$0	\$0	\$0	\$0	Washington
27	Columbia, Town of	Columbia 2022 ARPA Water System Improvements	\$1,597,500	\$1,597,500	\$0	\$0	\$0	\$0	\$0	\$0	Tyrrell

Table G-3. Drinking Water Project Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested	Potential ARPA VUR Grant Amount	Potential ARPA SRP "At-Risk" Grant Amount	Potential ARPA SRP SL 2022-74 Grant Amount	Potential ARPA SRP Study Grants	Potential non-ARPA State Reserve Grant Amount	DWSRF PF	DWSRF Loan	County
28	Hyde County	Water Tank Rehabilitation & Resiliency	\$1,185,500	\$1,185,500	\$0	\$0	\$0	\$0	\$0	\$0	Hyde
30	Rich Square, Town of	Phase 4 Water Improvements	\$6,114,300	\$6,114,300	\$0	\$0	\$0	\$0	\$0	\$0	Northampton
34	Washington County	Pea Ridge Water Transmission Main	\$5,472,000	\$5,472,000	\$0	\$0	\$0	\$0	\$0	\$0	Washington
36	Rowland, Town of	Water System Improvements	\$4,550,000	\$4,452,667	\$0	\$0	\$0	\$0	\$0	\$0	Robeson
37	Dublin, Town of	Water Distribution System Improvements	\$6,152,000	\$6,152,000	\$0	\$0	\$0	\$0	\$0	\$0	Bladen
38	Dover, Town of	Automatic Meter Reading System	\$314,645	\$314,645	\$0	\$0	\$0	\$0	\$0	\$0	Craven
42	Black Creek, Town of	Ground Level Storage Tank and Booster Pump	\$1,723,250	\$1,723,250	\$0	\$0	\$0	\$0	\$0	\$0	Wilson
43	Stovall, Town of	Stovall Water Tank and Water System Rehabilitation, Phase 2	\$7,859,240	\$7,859,240	\$0	\$0	\$0	\$0	\$0	\$0	Granville
119	Hillsborough, Town of	Hassell Tank and US70 Interconnection Expansion	\$70,000	\$0	\$0	\$0	\$70,000	\$0	\$0	\$0	Orange
135	Stokesdale, Town of	Water Supply Pre-Construction Planning Grant	\$100,000	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	Guilford
136	Monroe, City of	Nelson Heights Tank Replacement	\$400,000	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	Union

Table G-3. Drinking Water Project Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested	Potential ARPA VUR Grant Amount	Potential ARPA SRP “At-Risk” Grant Amount	Potential ARPA SRP SL 2022-74 Grant Amount	Potential ARPA SRP Study Grants	Potential non-ARPA State Reserve Grant Amount	DWSRF PF	DWSRF Loan	County
154	Columbus County Water District II	Water Line Replacement and Expansion	\$7,746,590	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	
164	Topsail Beach, Town of	Water System Supply Study	\$185,000	\$0	\$0	\$0	\$185,000	\$0	\$0	\$0	
Totals for Drinking Water Projects				\$50,981,480	\$20,456,937	\$4,871,016	\$2,055,000	\$0	\$24,334,830	\$62,342,849	Total: \$165,042,112

Table G-4. Wastewater Project Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Total Funding Requested	Potential ARPA VUR Grant Amount	Potential ARPA SRP "At-Risk" Grant Amount	Potential ARPA SRP SL 2022-74 Grant Amount	Potential ARPA SRP Study Grants	Potential non-ARPA State Reserve Grant Amount	CWSRF PF	CWSRF Loan, including Green Project	County
1	Engelhard Sanitary District	Wastewater Treatment Plant Rehabilitation	\$3,770,000	\$3,770,000	\$0	\$0	\$0	\$0	\$0	\$0	Hyde
2	Wadesboro, Town of	Wastewater Pump Station Replacements	\$5,239,000	\$0	\$5,239,000	\$0	\$0	\$0	\$0	\$0	Anson
3	Liberty, Town of	Collection System Improvements	\$12,500,000	\$12,500,000	\$0	\$0	\$0	\$0	\$0	\$0	Randolph
4	Saint Pauls, Town of	St. Pauls Sewer System Rehabilitation	\$9,214,283	\$9,214,283	\$0	\$0	\$0	\$0	\$0	\$0	Robeson
5	Bath, Town of	VUR - Wastewater Transmission System	\$9,875,000	\$9,698,000	\$0	\$177,000	\$0	\$0	\$0	\$0	Beaufort
6	Columbia, Town of	2022 Sanitary Sewer Improvements	\$7,080,000	\$7,027,500	\$0	\$0	\$0	\$52,500	\$0	\$0	Tyrrell
7	Roseboro, Town of	2022 Old Cement and Clay Pipe Rehabilitation	\$9,144,110	\$0	\$0	\$0	\$0	\$2,728,350	\$0	\$0	Sampson
9	Brunswick County	Longwood Rd Sewer Project.	\$14,956,200	\$0	\$14,956,200	\$0	\$0	\$0	\$0	\$0	Brunswick
10	Seaboard, Town of	Seaboard WWTP & Sewer Line Replacement	\$10,637,500	\$10,637,500	\$0	\$0	\$0	\$0	\$0	\$0	Northampton
11	Pikeville, Town of	Pikeville 2023 Wastewater Improvements	\$4,773,000	\$1,940,365	\$0	\$0	\$0	\$0	\$2,832,635	\$0	Wayne

Table G-4. Wastewater Project Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Total Funding Requested	Potential ARPA VUR Grant Amount	Potential ARPA SRP “At-Risk” Grant Amount	Potential ARPA SRP SL 2022-74 Grant Amount	Potential ARPA SRP Study Grants	Potential non-ARPA State Reserve Grant Amount	CWSRF PF	CWSRF Loan, including Green Project	County
12	Hoffman, Town of	Hoffman Phase II Sewer System Improvements	\$1,207,625	\$0	\$0	\$1,207,625	\$0	\$0	\$0	\$0	Richmond
13	Southport, City of	Evaluation and Rehab of Wastewater System	\$9,835,000	\$0	\$0	\$1,290,680	\$0	\$0	\$0	\$8,544,320	Brunswick
14	Pollocksville, Town of	WWTP Replacement Project	\$4,410,000	\$0	\$0	\$0	\$0	\$0	\$4,410,000	\$0	Jones
15	Pollocksville, Town of	Pump Station 2 Relocation	\$1,285,000	\$0	\$0	\$0	\$0	\$0	\$963,750	\$321,250	Jones
16	Spindale, Town of	Oak Street Pump Station Rehabilitation	\$2,400,000	\$0	\$1,853,473	\$0	\$0	\$0	\$0	\$546,527	Rutherford
17	Elm City, Town of	Lagoon Improvements and Dredging Project	\$2,608,993	\$0	\$0	\$0	\$0	\$0	\$750,000	\$1,858,993	Wilson
18	Pittsboro, Town of	Wastewater Transmission System Improvements	\$10,550,000	\$0	\$0	\$0	\$0	\$0	\$500,000	\$10,050,000	Chatham
21	Eden, City of	Railroad & Covenant Branch Force Main Improvements	\$400,000	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	Rockingham
22	Kingstown, Town of	Lift Station, Gravity Sewer, and Force main Improvements	\$1,849,080	\$0	\$0	\$0	\$0	\$0	\$500,000	\$1,349,080	Cleveland
25	McAdenville, Town of	McAdenville Sewer Rehab To Support Regionalization	\$4,962,000	\$0	\$0	\$0	\$0	\$0	\$0	\$4,962,000	Gaston
27	Yadkin County	Brooks Crossroads Sewer Improvements	\$4,887,000	\$0	\$0	\$0	\$0	\$0	\$500,000	\$4,387,000	Yadkin

Table G-4. Wastewater Project Applications – Example Funding Scenario

Proj. No.	Applicant Name	Project Name	Total Funding Requested	Potential ARPA VUR Grant Amount	Potential ARPA SRP “At-Risk” Grant Amount	Potential ARPA SRP SL 2022-74 Grant Amount	Potential ARPA SRP Study Grants	Potential non-ARPA State Reserve Grant Amount	CWSRF PF	CWSRF Loan, including Green Project	County
28	Brevard, City of	North Brevard Sewer	\$2,287,367	\$0	\$0	\$0	\$0	\$0	\$500,000	\$1,787,367	Transylvania
29	Lexington, City of	LRWWTP Solids Handling Improvements	\$27,979,000	\$0	\$0	\$0	\$0	\$0	\$500,000	\$27,479,000	Davidson
30	Spindale, Town of	Wastewater Treatment Plant Improvements	\$7,209,740	\$0	\$0	\$0	\$0	\$0	\$500,000	\$6,709,740	Rutherford
31	Williamston, Town of	Skewarkee Gut Sewer Outfall Rehabilitation	\$8,672,000	\$0	\$0	\$0	\$0	\$0	\$500,000	\$8,172,000	Martin
34	Albemarle, City of	Long Creek WWTP Treatment Process Rehab - Resubmittal	\$14,650,000	\$0	\$0	\$0	\$0	\$0	\$500,000	\$14,150,000	Stanly
51	Lowell, City of	City of Lowell Pre-Construction Planning Grant for Wastewater Interconnection with Two Rivers Utilities	\$400,000	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	Gaston
121	Salisbury, City of	Salisbury-Rowan Utilities Wastewater Master Plan	\$400,000	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	Rowan
144	Wayne County	Executive Jetport Pump Station Improvements	\$257,000	\$0	\$0	\$0	\$182,000	\$0	\$0	\$0	Wayne
150	Nash County	Regional Wastewater Treatment Plant	\$400,000	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	Nash
151	Liberty, Town of	Liberty WWTP Pre-Construction Planning Grant	\$400,000	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	Randolph

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Proj. No.	Applicant Name	Project Name	Total Funding Requested	Potential ARPA VUR Grant Amount	Potential ARPA SRP “At-Risk” Grant Amount	Potential ARPA SRP SL 2022-74 Grant Amount	Potential ARPA SRP Study Grants	Potential non-ARPA State Reserve Grant Amount	CWSRF PF	CWSRF Loan, including Green Project	County
171	Southeast Brunswick Sanitary District	Preconstruction Planning for Southeast Brunswick Sanitary District System Compliance Improvements	\$400,000	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	Brunswick
196	Cleveland, Town of	WWTP Expansion and Relocation Planning	\$400,000	\$0	\$0	\$0	\$175,000	\$0	\$0	\$0	Rowan
205	Southport, City of	I and I Study	\$400,000	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	Brunswick
219	Severn, Town of	Green: Stormwater Drainage Improvements	\$1,403,575	\$0	\$0	\$0	\$0	\$0	\$0	\$1,403,575	Northampton
226	Cumberland County	Landfill Gas Collection and Treatment Improvements	\$1,822,383	\$0	\$0	\$0	\$0	\$0	\$0	\$1,822,383	Cumberland
230	Bridgeton, Town of	Wastewater Treatment and Disposal Alternatives Evaluation	\$170,000	\$0	\$0	\$0	\$65,000	\$0	\$0	\$0	Craven
Totals for Wastewater Projects				\$54,787,648	\$22,048,673	\$2,675,305	\$3,222,000	\$2,780,850	\$12,956,385	\$93,543,235	Total: \$192,014,096

Other Funding Scenarios

Note that there are other funding scenarios which could be constructed, and staff can assist the Authority with other scenarios during the meeting.