

State Water Infrastructure Authority
Meeting Date: July 13 and 14, 2022
Agenda Item M
Spring 2022 Funding Round and Proposed Funding Recommendations

Division of Water Infrastructure Staff Report

Background

This staff report presents background information on the Spring 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 Spring 2022 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).

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 and SL 2022-6. The Division of Water Infrastructure (Division) will administer approximately \$1.6 billion as grants for drinking water, wastewater, and stormwater systems in North Carolina, which excludes amounts that will be transferred to other agencies. The funds, some of which are appropriated for specific projects, were appropriated into specified Reserves within the Water Infrastructure Fund as shown in Table 1. Table 1 also includes a summary of statutory and budgetary requirements for the appropriations.

Table 1. Summary of American Rescue Plan Act Funds Appropriated for Water, Wastewater, and Stormwater Infrastructure			
NC DEQ Fund or Reserve	Purpose	Total Appropriation	Approximate Available for Competitive Grant Funding
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).	\$456,400,000	\$316,700,000
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.	\$317,450,000	\$191,300,000
	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
	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
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

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](#), ARPA funds from the VUR, Drinking Water Reserve, and Wastewater Reserve were made available in the Spring 2022 funding round, and based on quality and quantity of applications, some funds would be reserved for additional awards as part of the Fall 2022 funding round. Funds from the Local Assistance for Stormwater Infrastructure Investment Fund (LASII) are not available for the Spring 2022 round and are scheduled to be made available this Fall. All ARPA funds must be expended by December 30, 2026.

The following summarizes each funding source available for the Spring 2022 Funding round.

Viable Utility Reserve (ARPA fund only for this round)

There are approximately \$316,700,000 in ARPA funds appropriated to the Viable Utility Reserve (VUR) available over the next two funding rounds. Local government units that have been designated as distressed by the State Water Infrastructure Authority (SWIA) and the Local Government Commission (LGC) under NC G.S. 159G-45 are eligible for these ARPA funds.

Grants from the VUR must be used only for projects that meet subdivisions (1) through (5) of [G.S. 159G-32\(d\)](#). Subdivision (1) – (5) are summarized 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.

Additional statutory requirements apply to local government units (LGUs) designated as distressed, and specific conditions may apply to grants. SWIA and the LGC determine the criteria by which grants are awarded from the Viable Utility Reserve.

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.

State Reserve Funds (ARPA funds only for this round)

Approximately \$323,000,000 in ARPA grant funds have been appropriated to the State Reserve, available over the next two funding rounds. The state budget establishes three purpose categories for the ARPA funds in the State Reserve Fund as summarized in Table 1, above. The three purpose categories are summarized below as At-Risk Systems, All Other Systems, and Planning and Study Grant funds.

At Risk Systems: Approximately \$191,300,000 will be available for grants over the next two funding rounds for project construction for public water systems and wastewater systems that NC DEQ categorizes as at-risk. Grants must be used for construction projects for public water systems, wastewater collection systems, and wastewater treatment works. Specific performance measures or conditions may be established by the Department to ensure an adequately funded program for the repair, maintenance, and management of the water or wastewater infrastructure. SWIA determines the criteria by which grants are awarded from the State Reserves.

For the Spring 2022 funding round, ARPA funding in the State Reserves for at-risk systems will be limited to up to \$15,000,000 per applicant. For regional projects interconnecting multiple utilities or merging two or more utilities into a single utility, the total grant awarded will not exceed \$30,000,000. Eligible applications that do not receive any ARPA funding or are only partially funded with ARPA grants will be reconsidered for additional funds in the Fall 2022 funding round.

Any ARPA funds from the State Reserves directly allocated to recipients in the Current Operations Appropriations Act of 2021, or funding awarded for at-risk systems in the Spring 2022 application round, will count towards the funding limits and incremental awards specified above.

All Other Systems: Approximately \$54,100,000 will be available for this round for grants for project construction for public water systems and wastewater systems that are not designated as distressed and that are not categorized as at-risk (herein referred to as “All Other Systems”).

Grants must be used for construction projects for public water systems, wastewater collection systems, and wastewater treatment works. Specific performance measures or conditions may be established by the Department to ensure an adequately funded program for the repair, maintenance, and management of the water or wastewater infrastructure. SWIA determines the criteria by which grants are awarded from the State Reserves.

ARPA project construction funds for All Other Systems will be limited to up to \$5,000,000 per applicant, or up to \$15,000,000 for regional projects interconnecting multiple utilities or merging two or more utilities into a single utility. If funds remain available after all eligible projects are fully funded or funded up to the limits, projects will be awarded up to an additional \$5,000,000 increment per applicant (not to exceed funding requested) in project priority order until all ARPA funding in this section has been obligated or all eligible projects are fully funded. Any ARPA funds from the State Reserves directly allocated to recipients in the Current Operations Appropriations Act of 2021 will count towards a utility’s initial award and additional incremental awards.

Planning and Study Grants: Approximately \$77,600,000 will be available for all local government water and wastewater utilities and nonprofit water corporations (regardless of system size, designation of distressed, or categorization of at-risk) for the following planning and study grants:

- 1) Asset Inventory and Assessment grants, as defined in G.S. 159G-33(a)(3a) and G.S. 159G-34(a)(3a).

- 2) Rate study grants intended to determine a rate structure that will enable a public water system or wastewater system to generate 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.
- 3) Merger/Regionalization Feasibility grants, as defined in G.S. 159G-33(a)(3) and G.S. 159G-34(a)(3),
- 4) Training grants to increase the capacity of a public water system or wastewater system to operate efficiently and maintain adequate maintenance and revenue collection practices.
- 5) Planning grants to conduct project engineering, design, or other preconstruction activities.

ARPA State Reserve funds for planning and study grants are limited to \$400,000 per recipient for the 2021-2023 biennium. There are no match requirements for Asset Inventory and Assessment grants or Merger/Regionalization Feasibility grants. Specific performance measures or conditions may be established by the Department to ensure an adequately funded program for the repair, maintenance, and management of the water or wastewater infrastructure.

Asset Inventory and Assessment (AIA) and Merger/Regionalization Feasibility (MRF) study applications were reviewed and evaluated according to the Priority Rating Systems established by SWIA for AIA and MRF grants.

Applications for water and wastewater preconstruction planning grants only (without actual construction) were prioritized based on the potential construction project being considered, according to the Priority Rating System established by SWIA for construction projects for the Drinking Water Reserve and Wastewater Reserve. Future funding rounds will be used to award remaining ARPA funds.

Local Assistance for Stormwater Infrastructure Investments Fund

Grants for local governments for projects that will improve or create infrastructure for controlling stormwater quantity and quality are not available for the Spring 2022 funding round. It is anticipated that the priority rating system will be approved by the Authority to allow for prioritization of eligible applications in the Fall 2022 funding round.

State Revolving Funds

Combined, approximately \$155,000,000 is available this round from the regular Drinking Water State Revolving Fund (DWSRF) and Clean Water State Revolving Fund (CWSRF) programs. By federal requirement, DWSRF projects must be funded in priority order. 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. Principal Forgiveness (PF) eligibility for SRF projects is as follows:

- Resolves non-viable utility: 100% PF up to \$3,000,000.
- Affordability Criteria: percentage (25%, 50%, 75%, or 100% PF) based on affordability criteria up to \$500,000 initially, and then up to percentage limit if funds remain available.

Summary of Applications Received

Spring 2022 Funding Round applications were due May 2, 2022. Applications, including reconsidered Fall 2021 applications, were received from 299 applicants across the state. A summary of the number of eligible applications for consideration by ARPA funding source and project type is shown in Table 3, and a similar summary showing requested funding amounts is shown in Table 4. Drinking water and wastewater construction project applications are eligible for both ARPA and SRF funds. Study grant applications from systems designated as Distressed are eligible to be funded out of either the ARPA State Reserve Study Grant fund or the VUR.

Table 3. Summary of Eligible Applications (including reconsidered Fall 2021 applications)					
Category	Application Project Type				Total
	Drinking Water	Wastewater	AIA	MRF	
Distressed	53	66	65		184
At-Risk	71	92			163
At-Risk (D/U)	7	4			11
All Other	86	77			163
Planning	8	14	151	13	186
Total	225	253	216	13	707

Table 4. Summary of Funds Requested for Eligible Applications (including reconsidered Fall 2021 applications)					
Category	Application Project Type				Total
	Drinking Water	Wastewater	AIA	MRF	
Distressed	\$231,480,647	\$352,210,132	\$12,915,599		\$596,606,378
At-Risk	\$387,623,921	\$480,856,813			\$868,480,734
At-Risk (D/U)	\$34,213,853	\$28,982,073			\$63,195,926
All Other	\$709,534,523	\$869,177,761			\$1,578,712,284
Planning	\$2,614,700	\$4,447,000	\$33,635,460	\$2,640,000	\$43,337,160
Total	\$1,365,467,644	\$1,735,673,779	\$46,551,059	\$2,640,000	\$3,150,332,482

Requested funding for construction projects far exceeds the amount of available ARPA grant funds and SRF loan funds available for this funding round. However, there are sufficient funds available to fund all eligible AIA, MRF and other pre-construction planning grant applications. Remaining funds will be advertised and made available as part of the Fall 2022 Funding round.

Example Funding Scenario for All Projects

Special Note: 2022 Draft budget (HB 103)

On June 29, 2022, a Conference Committee Substitute (HB 103) was introduced with 2022 budgetary considerations. In Section 12.9. of HB 103, additional water and wastewater infrastructure funds would be appropriated to the State Reserve. Approximately \$326 million in State funds and another \$285.5 million in State Fiscal Recovery Funds (ARPA) is proposed to be appropriated to the Clean Water and Drinking Water Reserves. Of those funds, HB 103 includes approximately 97 directed projects grants.

Funding scenarios for projects from LGUs receiving direct project funding in HB 103 may be updated prior to the July 13 and 14 SWIA meeting, pending budget approval. In the example funding scenario, projects for LGUs with overlapping HB103 earmarks are listed below:

- DW #15: Town of Rich Square, Phase 4 Water Improvements
- DW #24: Town of Landis, Mt. Moriah Church Rd. - N. Main St. Water Line Replacements
- DW #25: Town of Elm City, Drinking Water System- Rehabilitation and Improvements
- DW #62: Town of Andrews, Town of Andrews Water Line Replacement
- WW #1: Town of Siler City, Sewer Rehabilitation
- WW #3: Town of Littleton, Wastewater Treatment Plant Improvements
- WW #9: Town of Andrews, Wastewater Treatment Plant Upgrade and Modernization
- WW #13: City of Mount Olive, Collections System Rehab & Replacement
- WW #21: Town of Haw River, Lang Steet Pump Station
- WW #28: City of Graham, WWTP Improvements
- WW #36: Town of Tabor City, WWTP Upgrades Phase 3
- WW #39: Town of Mount Olive, WWTP Improvement
- WW #57: Town of Elm City, Multiple LS Rehab and Renewal

In the example funding scenario, 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. The Division received 4 applications for the same MRF project. Only one application was included in the example funding scenario. See MRF Project Specific Notes for more detail.
- Fund all 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), or from ARPA State Reserve Study Grants up to \$400,000 per recipient.
- Fund all remaining complete and eligible AIA grant application from 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 eligible applications for ARPA VUR funds in priority order up to the Statutory funding limit, with a goal of reserving approximately 30 percent of available funds for the Fall 2022 Funding round.
- Fund eligible applications for ARPA State Reserve At-Risk Funds in priority order up to the funding limits, with a goal of reserving approximately 25 percent of available funds for the Fall 2022 Funding round.
- Fund eligible applications for ARPA State Reserve All Other System funds in priority order, up to the funding limits.
- Remaining funds (a combination of SRFs, ARPA VUR and ARPA State Reserve) 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:
 - Applied SRF PF funds to eligible projects. Per the 2021 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. Additional PF above the limit was available for DWSRF in the example funding scenario.
 - Applied 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.

This scenario utilizes the available funds and proposes to fund 351 projects for 213 applicants for approximately \$635 million. Table 5 indicates the number of applications that would be funded and Table 6 indicates the funding amounts for the different funding source. This example is detailed in Tables F-1 through F-5 below.

Table 5. Summary of Example Funding Scenario: Number of funded projects					
Funding Source	Application Project Type				Total
	Drinking Water	Wastewater	AIA	MRF	
ARPA: Distressed	28	16	57	-	101
ARPA: At-Risk	19	15	-	-	34
ARPA: All Other	6	9	-	-	15
ARPA: Planning	7	14	151	10	182
SRF	10	21	-	-	31
Total^a	66	67	208	10	351
^a Four drinking water and eight wastewater projects are shown with a combination of ARPA and SRF funds.					

Table 6. Summary of Example Funding Scenario: Funding Levels					
Funding Source	Application Project Type				Total
	Drinking Water	Wastewater	AIA	MRF	
ARPA: Distressed	\$107,656,266	\$111,140,407	\$ 9,179,075	-	\$227,975,748
ARPA: At-Risk	\$63,052,200	\$82,555,670	-	-	\$145,607,870
ARPA: All Other	\$23,444,271	\$30,673,845	-	-	\$54,118,116
ARPA: Planning	\$2,314,500	\$4,392,000	\$35,163,199	\$1,640,000	\$43,509,699
SRF	\$54,091,594	\$109,658,483	-	-	\$163,750,077
Total	\$250,558,831	\$338,420,405	\$44,342,274	\$1,640,000	\$634,961,510

Table 7 shows the approximate ARPA funds to be made available in the Fall 2022 funding round resulting from the example funding scenario.

Table. 7 Approximate Funds Available for Fall 2022 Funding Round			
NC DEQ Fund or Reserve	Purpose	Total Appropriation	Approximate Available for Fall 2022 Competitive Grant funding
Viable Utility Reserve	Distressed Systems	\$456,400,000	\$88,700,000
Drinking Water Reserve and Wastewater Reserve (State Reserves)	At-Risk Systems	\$317,450,000	\$45,700,000
	All Other Systems	\$732,525,000	\$0
	Study Grants	\$80,000,000	\$34,000,000
Local Assistance for Stormwater Infrastructure Investments Fund	Stormwater Projects	\$103,625,000	\$82,000,000

Project-Specific Notes

MRF Applications for funding

- Cape Fear PUA requested a total of \$450,000 in MRF funding to evaluate regionalization with Wrightsville Beach. Funding will be limited to \$400,000 per recipient.
- Four units (Chatham County, City of Durham, Orange Water and Sewer Authority, and Town of Pittsboro) each applied for funding to conduct the Western Intake Partnership Regionalization Study. The applications identified City of Durham as the contractor for the project. The funding scenario shows on the City of Durham's application for \$400,000 as funded.

AIA Applications for funding

- Towns of Dover, Franklinville and Macclesfield applied for DW and WW AIA grants from both the VUR and SRP. Recommendation is to fund only the project applications requesting funds from the VUR.
- The Town of Harrisburg applied for \$500,000 in project costs. The funding scenario shows funding up to the \$400,000 limit per recipient. Application includes project work for both water and wastewater utilities. If funded, the Division may split funding between water and wastewater in separate projects.
- Junaluska Sanitary District applied for \$146,650 in project costs. The application includes project work for both water and wastewater utilities. If funded, The Division may split funding between water and wastewater in separate projects.
- A number of LGUs applied for funds in excess of the \$400,000 funding limit for ARPA State Reserve Study grants. Where partial funding is awarded, recipients will have the option to adjust funding levels for approved studies not to exceed total award amount or the funding level requested for the study.
- Edgecombe County applied for two AIA project grants for a total of \$868,255 in project costs. Edgecombe County will be considered by the Authority to repeal the designation of distressed after an error in the Distressed Criteria scoring was discovered. The funding scenario shows funding up to the \$400,000 limit per recipient out of the ARPA State Reserve Planning Grant funds. If Edgecombe County remains designated as distressed, funding award can be made from the ARPA VUR funds to meet the requested \$868,255 project costs.
- The Town of Southern Pines applied for two AIA project grants for a total of \$564,000 in project costs. The funding scenario shows funding up to the \$400,000 limit per recipient.
- The Town of Shelby applied for two AIA project grants for a total of \$465,000 in project costs. The funding scenario shows funding up to the \$400,000 limit per recipient.
- The Town of Taylorsville applied for two AIA project grants and a MRF project grant for a total of \$631,250 in project costs. The funding scenario shows funding up to the \$400,000 limit per recipient.
- The Town of Jefferson applied for two AIA project grants for a total of \$484,000 in project costs. The funding scenario shows funding up to the \$400,000 limit per recipient.

- The Johnston County applied for two AIA project grants for a total of \$500,000 in project costs. The funding scenario shows funding up to the \$400,000 limit per recipient.

Drinking Water Project Applications

- The following systems provided applications for funding more than the ARPA funding limits established for the Spring Round. The funding scenario includes SRF funds and PF to more fully fund the project; however, accepting SRF funds will require that the entire project meet SRF federal conditions:
 - Town of Scotland Neck (Project #13)
 - Town of McAdenville (Project #29)
 - Town of Beech Mountain (Project #44)
 - Town of Fuquay-Varina (Project #45).
- Town of Hertford is the last funded project with ARPA VUR funds.
- Town of Roseboro is the last funded project with ARPA State Reserve At-Risk System funds.
- Town of Fuquay-Varina is the last funded project with ARPA State Reserve All Other Systems funds. This is a regionalization project and eligible for up to \$15M and uses the remaining funding in ARPA State Reserve All Other Systems. Project funding is supplemented with a \$20 million DWSRF loan.
- Town of Pittsboro is the last funded project for DWSRF funds. Additional PF is available to exceed the \$500,000 cap for the following projects
 - City of Burnsville
 - Ocracoke Sanitary District

Wastewater Project Applications

- Mount Olive indicated the WWTF project (Project #39) was of higher priority than the Collection System project (Project #13). The WWTF project is shown as funded with ARPA grant funds. The Collection System project is shown funded with a mixture of ARPA grant and SRF loan funds.
- The following systems provided applications for funding more than the ARPA funding limits established for the Spring Round. The funding scenario includes SRF funds and PF to fully fund the project; however, accepting SRF funds will require that the entire project meet SRF federal conditions.
 - Town of Bailey (Project #11)
 - Town of Mount Olive (Project #13)
 - Yadkin Valley Sewer Authority (Project #15)
 - City of Clinton (Project #17)
 - Town of Bryson City (Project #18)

- Town of Fairmont (Project #22)
- Town of Morehead City (Project #27)
- City of Graham (Project #28)
- Town of Warrenton is the last funded project with ARPA VUR funds
- Town of Tabor City is the last funded project with ARPA State Reserve At-Risk System funds.
- City of Graham is the last funded project with ARPA State Reserve All Other Systems funds.
- City of Laurinburg is the last funded project for CWSRF funds. There is no additional PF available to exceed the \$500,000 cap.
- City of Eden and City of Claremont have applications eligible for SRF Green Project Reserve Funding.

Projects to provide wastewater to disadvantaged or underserved areas

- Four wastewater project applications received
- No wastewater projects shown as funded in example funding scenario. However, the Authority may consider funding any of these projects. All projects provide a public health benefit of connecting homes in disadvantaged, underserved areas to a wastewater system, replacing onsite systems.
- Four wastewater projects not in funding range in example funding scenario:
 - Brunswick County - Longwood Rd Sewer Project. WW,
 - Installation of total 51,500 LF of FM to connect disadvantaged/underserved areas currently under septic tank system. Possible elimination of an NPDES permit for a public school.
 - \$14,000,000
 - 65 points claimed, 55 points verified (received public health points)
 - CFPUA – Alandale Septic to Sewer
 - Installation of 3,430 LF of gravity sewer, five manholes and 65 service lines to connect Alandale area households with septic tanks to the wastewater collection system.
 - \$1,180,362
 - 45 points claimed, 45 points verified.
 - CFPUA has a \$30 million directed project grant. Exceeded funding limit.
 - Edgecombe County - Lone Pine MHP Wastewater System Improvements
 - Extend sanitary sewer line to 91 residences in disadvantaged/underserved areas
 - \$2,724,100

- 47 points claimed, 45 points verified (likely document environmental benefit in future round)
- CFPUA - Oakley Area Septic to Sewer Project
 - Install 32,014 lf pressure sewer main, and 222 grinder systems and low-pressure services to connect area on septic systems.
 - \$10,121,411
 - 45 points claimed, 35 points verified
 - CFPUA has a \$30 million directed project grant. Exceeded funding limit.

Projects to provide water to disadvantaged or underserved areas

- Seven drinking water project applications received
- Five drinking water projects shown as funded in example funding scenario
 - Nash County - Northern Nash Water System Improvements- Phase 2
 - McDowell County - Hoppy Tom Hollow Road Water Project
 - Greenevers - Hargroves Rd. & Pasture Branch Water Extension
 - Sampson County - Ivanhoe Water System
 - Edgecombe Co. - 2022 Eagles Road Water Line Extension
- Two drinking water projects not in funding range in example funding scenario. However, the Authority may consider funding any of these projects. All projects provide a public health benefit of connecting homes in disadvantaged, underserved areas to a public water system, replacing individual wells.
 - CFPUA – Alandale Area Water Project
 - Extend 4,075 feet of watermains to connect 61 residences in underserved areas.
 - \$1,289,109
 - 60 points claimed, 40 points verified
 - CFPUA has a \$30 million directed project grant. Exceeded funding limit.
 - CFPUA – Oakley Area Water Project
 - Extend 8,868 ft of watermains to connect 222 residents in an underserved area.
 - \$3,623,821
 - Requested 60 points claimed, 40 points verified
 - CFPUA has a \$30 million directed project grant. Exceeded funding limit.

Tables below identify the projects that would be funded under the example funding scenario described above. 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.

Table M-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 ARPA VUR Grant Amount
1	Rutherford County	Rutherfordton-Spindale MRF Study	\$400,000	\$400,000	
2	Stanly County	Locust-Stanly County Utility Merger Study	\$100,000	\$100,000	
3	Stanly County	Norwood-Stanly County Merger Study - Wastewater	\$75,000	\$75,000	
4	Stanly County	Norwood-Stanly County Utility Merger Study (Water System)	\$75,000	\$75,000	
6	Cape Fear PUA	MRF: CFPUA and Wrightsville Beach (DW)	\$225,000	\$200,000	
7	Cape Fear PUA	MRF: CFPUA and Wrightsville Beach (WW)	\$225,000	\$200,000	
8	Taylorsville, Town of	Water MRF Study	\$90,000	\$90,000	
10	Clarkton, Town of	MRF - Sewer System Improvements	\$50,000	\$50,000	
12	Montgomery County	Water System Merger Regionalization Study	\$50,000	\$50,000	
13	Durham, City of	Western Intake Partnership Regionalization Study	\$400,000	\$400,000	
Totals for MRF Grants				\$1,640,000	

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

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential VUR Grant Amount	Potential ARPA SRP Grant Amount
1	Robersonville, Town of	VUR Water and Sewer Asset Inventory and Assessment	\$400,000	\$400,000	
2	Edenton, Town of	AIA - Water Phase 2	\$175,000	\$175,000	
3	Edenton, Town of	Sewer AIA	\$200,000	\$200,000	
4	Gibson, Town of	WW Sys AIA	\$150,000	\$150,000	
5	Pikeville, Town of	Sewer AIA	\$506,025	\$506,025	
6	Pikeville, Town of	Water AIA	\$74,500	\$74,500	
7	Pollocksville, Town of	Pollocksville - AIA Study - SEWER	\$519,000	\$519,000	
8	Pollocksville, Town of	Pollocksville - AIA Study - WATER	\$187,000	\$187,000	
9	Walstonburg, Town of	AIA Water and Wastewater	\$90,000	\$90,000	
10	Tryon, Town of	Sewer AIA	\$261,500	\$261,500	
11	Tryon, Town of	Water System AIA	\$254,500	\$254,500	
12	Autryville, Town of	Water System AIA and Rate Study	\$150,000	\$150,000	
13	Fountain, Town of	Sanitary Sewer AIA 1	\$354,400	\$354,400	
16	Fountain, Town of	Water Sys AIA 2	\$211,325	\$211,325	
17	Stanly County	Comprehensive Sewer Master Plan	\$150,000	\$150,000	
18	Williamston, Town of	Sewer AIA	\$890,000	\$890,000	
19	Central Nash County WSD	CNWSO Drinking Water AIA	\$150,000	\$150,000	
20	Northern Nash County WSD	NNWSO Wastewater AIA	\$150,000	\$150,000	
21	Bertie County Water District IV	Lewiston Woodville Community Asset Inventory and Assessment	\$247,000	\$247,000	
22	Madison, Town of	Water Sys AIA	\$150,000	\$150,000	
23	Trenton, Town of	Sewer AIA	\$389,000	\$389,000	
24	Gamewell, Town of	Gamewell Sewer System Viability Project	\$82,000	\$82,000	
25	St. Pauls, Town of	St. Pauls Water System Asset Inventory Assessment and Rate Study	\$150,000	\$150,000	
26	Yadkin County	Water and Sewer Asset Inventory and Assessment	\$150,000	\$150,000	

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

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential VUR Grant Amount	Potential ARPA SRP Grant Amount
27	Washington County	Washington County AIA/Rate Study	\$237,000	\$237,000	
28	Pilot Mountain, Town of	Water System AIA	\$252,000	\$252,000	
30	Dover, Town of	Sanitary Sewer AIA 2	\$310,775	\$310,775	
32	Dover, Town of	Water Sys AIA 2	\$189,500	\$189,500	
33	Pinetops, Town of	Sanitary Sewer System AIA	\$150,000	\$150,000	
34	Pinetops, Town of	Water System AIA	\$150,000	\$150,000	
35	Taylortown, Town of	Water Sys AIA	\$125,000	\$125,000	
36	Taylortown, Town of	WW Sys AIA	\$125,000	\$125,000	
37	Plymouth, Town of	2021 Town of Plymouth Sewer VUR Project	\$160,000	\$160,000	
39	Macclesfield, Town of	Sanitary Sewer AIA 2	\$392,250	\$392,250	
41	Macclesfield, Town of	Water AIA 2	\$203,900	\$203,900	
43	Franklinville, Town of	WW Sys AIA	\$161,000	\$161,000	
45	Franklinville, Town of	Water Sys AIA	\$161,000	\$161,000	
46	East Arcadia, Town of	AIA Water System	\$154,400	\$154,400	
47	Vanceboro, Town of	Water Sys AIA	\$150,000		\$150,000
48	East Bend, Town of	Water AIA	\$96,000		\$96,000
49	East Bend, Town of	Sewer AIA	\$50,000		\$50,000
50	Ramseur, Town of	Water System Asset Inventory Assessment	\$189,584		\$189,584
51	Middlesex, Town of	AIA Wastewater	\$150,000		\$150,000
52	Middlesex, Town of	VUR AIA Drinking Water Study	\$150,000		\$150,000
53	Star, Town of	WW Sys AIA	\$140,000		\$140,000
54	Ramseur, Town of	Sewer AIA	\$194,660		\$194,660
55	Engelhard Sanitary District	ESD AIA Sewer	\$250,000		\$250,000
56	Star, Town of	Water Sys AIA	\$140,000		\$140,000
57	Hookerton, Town of	AIA Wastewater Study	\$226,500	\$226,500	
58	Hamilton, Town of	Wastewater Sys AIA	\$150,000		\$150,000
59	Ronda, Town of	Water Asset Inventory and Assessment Components	\$150,000		\$150,000

Table M-2. Asset Inventory and Assessment (AIA) Grant Applications – Example Funding Scenario					
Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential VUR Grant Amount	Potential ARPA SRP Grant Amount
60	Micro, Town of	Micro Sanitary Sewer Asset Inventory Assessment	\$150,000		\$150,000
61	Micro, Town of	Micro Water Asset Inventory Assessment	\$150,000		\$150,000
62	Bay River Metropolitan Sewage District	Gravity Sewer CCTV Assessment Study and Report	\$139,500	\$139,500	
63	Roxboro, City of	Sewer I&I AIA	\$400,000		\$400,000
64	Newport, Town of	Wastewater System Asset Inventory and Assessment	\$120,000		\$120,000
65	Newport, Town of	Water System Asset Inventory and Assessment	\$110,000		\$110,000
66	Edgecombe County	2022 VUR Sewer System AIA Study	\$561,000		\$200,000
67	Edgecombe County	2022 Water Asset Management Plan	\$307,255		\$200,000
68	Wilson, City of	Sewer Asset Inventory Assessment 2022/2023	\$400,000		\$400,000
69	Mount Airy, City of	Sewer AIA	\$100,000		\$100,000
70	Anson County	Wastewater AIA	\$100,000		\$100,000
71	Anson County	Water AIA	\$300,000		\$300,000
72	Henderson, City of	AIA Wastewater	\$200,000		\$200,000
73	Henderson, City of	AIA Water	\$200,000		\$200,000
74	Beech Mountain, Town of	Grassy Gap WWTP Sewershed Study	\$400,000		\$400,000
75	Fayetteville PWC	Water Sys AIA	\$400,000		\$400,000
76	Roanoke Rapids Sanitary District	Sewer AIA	\$200,000		\$200,000
77	Apex, Town of	Evaluation of the Current State of the Collection System	\$400,000		\$400,000
78	Lake Lure, Town of	Subaqueous Sanitary Sewer AIA	\$200,000		\$200,000
79	Spindale, Town of	Sewer AIA (Pipe Condition Assessment Project)	\$400,000		\$400,000
80	Roanoke Rapids Sanitary District	Water AIA	\$200,000		\$200,000
81	Mount Airy, City of	Water AIA	\$100,000		\$100,000
82	Pittsboro, Town of	Wastewater Master Plan	\$250,000		\$250,000
83	Rocky Mount, City of	Sewer AIA	\$400,000		\$400,000

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

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential VUR Grant Amount	Potential ARPA SRP Grant Amount
84	Greensboro, City of	Sewer AIA	\$400,000		\$400,000
85	Selma, Town of	Water System AIA	\$248,500		\$248,500
86	Yadkin Valley Sewer Authority	2022 Additional Sewer Priority Areas Assessment	\$360,520		\$360,520
87	Southern Pines, Town of	Water System AIA	\$272,000		\$200,000
88	Southern Pines, Town of	Sewer System AIA	\$292,000		\$200,000
89	Holly Springs, Town of	Holly Springs Water AIA	\$200,000		\$200,000
90	Clarkton, Town of	Sewer AIA	\$240,000		\$240,000
91	Winston-Salem, City of	Lead and Copper Rule Compliance Program	\$400,000		\$400,000
92	Lumberton, City of	2022 Main Sewer Interceptor Study	\$214,010		\$214,010
93	Biscoe, Town of	Biscoe Wastewater System Asset Inventory & Assesment	\$150,000		\$150,000
94	Fuquay-Varina, Town of	Collection System Master Plan and Asset Inventory	\$400,000		\$400,000
95	Hobgood, Town of	AIA Drinking Water	\$150,000		\$150,000
96	Hobgood, Town of	AIA Wastewater Collection	\$150,000		\$150,000
97	Brunswick Regional WS H2GO	2022 Wastewater Asset Inventory & Assessment	\$200,000		\$200,000
98	Brunswick Regional WS H2GO	2022 Water Asset & Inventory	\$200,000		\$200,000
99	Carolina Beach, Town of	Sewer System Resiliency Assessment Project	\$200,000		\$200,000
100	Shelby, City of	Major Outfall Survey and modeling and WWTP Asset Management and Modeling	\$340,000		\$300,000
101	Woodland, Town of	Water System Asset Inventory Assessment	\$150,000		\$150,000
102	Holly Springs, Town of	Holly Springs Sewer AIA	\$200,000		\$200,000
103	Raleigh, City of	Wastewater AIA	\$200,000		\$200,000
104	Raleigh, City of	Water AIA	\$200,000		\$200,000
105	Archdale, City of	Water Sys AIA	\$242,000		\$242,000
106	Bermuda Run, Town of	Sewer AIA Application	\$400,000		\$400,000
107	Clayton, Town of	Collection System Master Plan	\$250,000		\$250,000

Table M-2. Asset Inventory and Assessment (AIA) Grant Applications – Example Funding Scenario					
Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential VUR Grant Amount	Potential ARPA SRP Grant Amount
108	Clayton, Town of	Water System Master Plan	\$150,000		\$150,000
109	Baton Water Corporation	Water System AIA	\$233,000		\$233,000
110	Columbus County Water District IV	Water Sys AIA	\$150,000		\$150,000
111	Kure Beach, Town of	Water Sys AMP	\$150,000		\$150,000
112	Mocksville, Town of	Sewer AIA Application	\$200,000		\$200,000
113	Mocksville, Town of	Water AIA	\$200,000		\$200,000
114	White Lake, Town of	AIA Water System	\$240,500		\$240,500
115	Wadesboro, Town of	Water AIA	\$200,000		\$200,000
116	Hendersonville, City of	Water Treatment AIA (Master Plan)	\$400,000		\$400,000
117	Lake Junaluska Assembly	Lake Junaluska Assembly Water AIA Project	\$150,000		\$150,000
118	Carolina Beach, Town of	Water System Resiliency Assessment Project	\$200,000		\$200,000
119	Shelby, City of	WTP Asset Management and Modeling	\$125,000		\$100,000
120	Ocracoke Sanitary District	OSD Water System AIA	\$150,000		\$150,000
121	Columbus County Water District III	Water Sys AIA	\$150,000		\$150,000
122	Pasquotank County	Weeksville Water Meter System Inventory and Asset Assssment	\$150,000		\$150,000
123	Northampton County	Sewer AIA	\$150,000		\$150,000
124	Clay County	Clay County Wastewater AIA Project	\$150,000		\$150,000
125	Clay County	Clay County Water AIA Project	\$150,000		\$150,000
126	Long View, Town of	Long View Wastewater AIA Project	\$150,000		\$150,000
127	Long View, Town of	Water AIA	\$150,000		\$150,000
128	Granite Falls, Town of	Water System Asset Inventory & Assessment	\$150,000		\$150,000
129	Troutman, Town of	Clay Pipe Sewer System Inventory & Assessment Project	\$225,000		\$225,000
130	Brevard, City of	Wastewater Collection Sys AIA	\$200,000		\$200,000
131	Taylorsville, Town of	Water Asset Inventory Assessment	\$248,250		\$155,000

Table M-2. Asset Inventory and Assessment (AIA) Grant Applications – Example Funding Scenario					
Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential VUR Grant Amount	Potential ARPA SRP Grant Amount
132	Davie County	Sewer AIA Application	\$400,000		\$400,000
133	Charlotte, City of	Lead and Copper Rule Revisions (LCRR) Support	\$400,000		\$400,000
134	Harmony, Town of	Sewer AIA	\$233,000		\$233,000
135	Onslow Water and Sewer Authority	Water System Master Plan	\$150,000		\$150,000
136	Pinebluff, Town of	Water AIA	\$233,000		\$233,000
137	Hillsborough, Town of	Water Master Plan	\$100,000		\$100,000
138	Beulaville, Town of	Sanitary Sewer System Asset Inventory and Assessment	\$205,000		\$205,000
139	Beulaville, Town of	Water System Asset Inventory and Assessment	\$194,400		\$194,400
140	Ranlo, Town of	Water System Asset Management Plan Components	\$150,000		\$150,000
141	Cherryville, City of	Water System Asset Management Plan Components	\$150,000		\$150,000
142	Albemarle, Town of	Sewer System AIA	\$200,000		\$200,000
143	Nashville, Town of	AIA - Wastewater Collection System	\$150,000		\$150,000
144	Jefferson, Town of	Sewer AIA	\$242,000		\$200,000
145	Jefferson, Town of	Water AIA	\$242,000		\$200,000
146	Aberdeen, Town of	Aberdeen Drinking Water AIA	\$150,000		\$150,000
147	Troutman, Town of	Water System Asset Inventory and Assessment Project	\$175,000		\$175,000
148	Brevard, City of	Water AIA	\$187,500		\$187,500
149	Contentnea Metropolitan Sanitary District	2022 Sewer Asset Inventory and Assessment	\$400,000		\$400,000
150	Piedmont Triad Regional Water Authority	PTRWA Inventory, PM and CIP Assessment	\$162,000		\$162,000
151	Wallace, Town of	AIA - Water	\$150,000		\$150,000
153	Cherryville, City of	Wastewater System Asset Management Plan Components	\$150,000		\$150,000
154	Clyde, Town of	Cylde Sewer AIA Project	\$150,000		\$150,000
155	Magnolia, Town of	Sanitary Sewer Sys AIA	\$150,000		\$150,000
156	River Bend, Town of	Wastewater System AIA	\$150,000		\$150,000

Table M-2. Asset Inventory and Assessment (AIA) Grant Applications – Example Funding Scenario					
Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential VUR Grant Amount	Potential ARPA SRP Grant Amount
157	River Bend, Town of	Water System AIA	\$150,000		\$150,000
158	Kure Beach, Town of	Sewer Sys AMP	\$150,000		\$150,000
159	South Granville Water and Sewer Authority (SGWASA)	SGWASA Water Asset Inventory and Assessment Project	\$150,000		\$150,000
160	Nashville, Town of	AIA - Drinking Water	\$150,000		\$150,000
161	Laurinburg, City of	Wastewater System Asset Inventory and Assessment Update with Rate Study	\$150,000		\$150,000
162	Laurinburg, City of	Water System Asset Inventory and Assessment Update with Rate Study	\$150,000		\$150,000
163	Garland, Town of	Water System Asset Inventory and Assessment	\$245,900		\$245,900
164	Weldon, Town of	Water System AIA	\$150,000		\$150,000
165	Mount Pleasant, Town of	Drinking Water AIA	\$150,000		\$150,000
166	Grimesland, Town of	AIA - Sewer	\$195,000		\$195,000
167	Fork Township Sanitary District	Water AIA	\$400,000		\$400,000
168	Belfast-Patetown Sanitary District	Water AIA	\$360,000		\$360,000
169	Southeastern Wayne Sanitary District	Water AIA	\$380,000		\$380,000
170	Southwestern Wayne Sanitary District	Water AIA	\$120,000		\$120,000
171	Ranlo, Town of	Wastewater System Asset Management Plan Components	\$150,000		\$150,000
172	Kenansville, Town of	2021 Sewer AIA	\$150,000		\$150,000
173	Dallas, Town of	Wastewater Asset Inventory & Assessment	\$150,000		\$150,000
174	Rosman, Town of	Sewer AIA	\$75,000		\$75,000
175	Rosman, Town of	Water AIA	\$75,000		\$75,000
176	Pamlico County	Water System Asset Inventory and Assessment	\$130,000		\$130,000
177	Graham, City of	Water AIA	\$400,000		\$400,000
178	Harrisburg, Town of	Town of Harrisburg Asset Inventory Assessment (Both)	\$500,000		\$400,000
179	Weldon, Town of	Wastewater AIA	\$150,000		\$150,000

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

Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential VUR Grant Amount	Potential ARPA SRP Grant Amount
180	Mount Pleasant, Town of	Wastewater AIA	\$150,000		\$150,000
181	Johnston County	CMMS Initiation at Existing CJCWWTF	\$250,000		\$200,000
182	Johnston County	CMMS Initiation at Existing TGB WTP	\$250,000		\$200,000
183	Eastern Wayne Sanitary District	Water AIA	\$400,000		\$400,000
184	Northwestern Wayne Sanitary District	Water AIA	\$280,000		\$280,000
185	Teachey, Town of	Sanitary Sewer System Asset Inventory and Assessment	\$211,975		\$211,975
186	Teachey, Town of	Water System Asset Inventory and Assessment	\$188,000		\$188,000
187	Grimesland, Town of	AIA - Water	\$175,000		\$175,000
188	Kenansville, Town of	2021 Water AIA	\$150,000		\$150,000
189	Boiling Springs, Town of	Wastewater System AIA	\$150,000		\$150,000
190	Boiling Springs, Town of	Water System AIA	\$150,000		\$150,000
191	Taylorsville, Town of	2022 Sewer Collection System Assessment Project	\$293,000		\$155,000
192	Bridgeton, Town of	Wastewater AIA	\$335,000		\$335,000
193	Topsail Beach, town of	Water Asset Inventory Assessment	\$180,000		\$180,000
194	Columbia, Town of	Sewer AIA	\$280,000		\$280,000
195	Columbia, Town of	Water AIA	\$120,000		\$120,000
196	Jones County	Water AIA	\$400,000		\$400,000
197	Albemarle, Town of	Water System AIA	\$150,000		\$150,000
198	Conway, Town of	Drinking Water Distribution System AIA	\$150,000		\$150,000
199	Conway, Town of	Wastewater Collection System AIA	\$150,000		\$150,000
200	Cleveland, Town of	AIA Sewer	\$125,000		\$125,000
201	Cleveland, Town of	AIA Water	\$100,000		\$100,000
202	Warsaw, Town of	Sewer AIA	\$260,000		\$260,000
203	Gibsonville, Town of	Water AIA	\$200,000		\$200,000
204	Morehead City, Town of	Water AIA	\$400,000		\$400,000

Table M-2. Asset Inventory and Assessment (AIA) Grant Applications – Example Funding Scenario					
Proj. No.	Applicant Name	Project Name	Amount of Funding Requested by Applicant	Potential VUR Grant Amount	Potential ARPA SRP Grant Amount
205	North Lenoir Water Corporation	Water System Asset Inventory and Assessment	\$400,000		\$400,000
206	Bunn, Town of	Bunn Sanitary Sewer Asset Inventory Assessment	\$150,000		\$150,000
207	Bunn, Town of	Bunn Water System Asset Inventory Assessment	\$150,000		\$150,000
208	Mebane, City of	Water AIA	\$300,000		\$300,000
209	Warsaw, Town of	Water AIA	\$137,000		\$137,000
210	Maury Sanitary Land District	Sewer AIA	\$400,000		\$400,000
211	Gibsonville, Town of	Sewer AIA	\$200,000		\$200,000
212	Swepsonville, Town of	Sewer System AIA	\$150,000		\$150,000
213	Junaluska Sanitary District	GIS Mapping (both)	\$146,650		\$146,650
214	Elon, Town of	Water AIA	\$300,000		\$300,000
215	Swepsonville, Town of	Water System AIA	\$250,000		\$250,000
216	Haw River, Town of	Water AIA	\$250,000		\$250,000
217	Haw River, Town of	Sewer AIA	\$150,000		\$150,000
			Total	\$9,179,075	\$35,163,199

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

Proj. No.	Applicant Name	Project Name	Amount of 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	DWSRF PF	DWSRF Loan
1	Nash County	Northern Nash Water System Improvements-Phase 2 (Disadvantaged / Underserved Area)	\$12,775,170		\$12,775,170				
2	Wilson County - Southwest Water District	Yank Road Booster Pump Station Replacement & Town of Lucama Interconnection	\$1,813,713	\$1,813,713					
3	McDowell County	Hoppy Tom Hollow Road Water Project (Disadvantaged / Underserved Area)	\$815,437		\$815,437				
4	Lilesville	Phase 4 Water Improvements	\$4,537,830	\$4,537,830					
5	McAdenville	Water System Improvements Project	\$3,269,750			\$3,269,750			
6	Dover	Water Supply Well Improvements	\$812,700	\$812,700					
7	Greenevers	Hargrove's Rd. & Pasture Branch Water Extension	\$1,300,466		\$1,300,466				

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

Proj. No.	Applicant Name	Project Name	Amount of 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	DWSRF PF	DWSRF Loan
		(Disadvantaged / Underserved Area)							
8	Peachland	Phase 1 Water Improvements	\$5,709,055		\$5,709,055				
9	Jamesville	Water Treatment Plant Replacement	\$1,873,500		\$1,873,500				
10	Hyde County	Booster Stations Replacement, Rehab and Resiliency	\$1,444,275	\$1,444,275					
11	Bertie County Water District IV	Lewiston Woodville Community Water System Replacement	\$4,912,611	\$4,912,611					
12	Dover	Water Line Replacement Project	\$2,452,910	\$2,452,910					
13	Scotland Neck	Phase 3 Water Improvements	\$7,108,650	\$7,063,608				\$45,042	
14	Robbins	Water System Improvements	\$4,323,594	\$4,323,594					
15	Rich Square	Phase 4 Water Improvements	\$6,513,620	\$6,513,620					
16	Carthage	Interconnection, Raw Water PS & Water Treatment Rehabilitation	\$8,489,500		\$8,489,500				
17	Enfield	Phase 7 Water System Improvements	\$5,418,460	\$5,418,460					

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

Proj. No.	Applicant Name	Project Name	Amount of 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	DWSRF PF	DWSRF Loan
18	Hobgood	David Mayer Road Water Main Replacement	\$496,590		\$496,590				
19	Sampson County	Ivanhoe Water System (Disadvantaged / Underserved Area)	\$13,283,000		\$13,283,000				
20	Grimesland	Grimesland Water Line Replacement Project	\$3,105,395		\$3,105,395				
21	Columbus County Water District IV	Water System Improvements - Lakeland Village Subdivision	\$772,198		\$772,198				
22	Pollocksville	2022 Water System Improvements	\$2,787,510	\$2,787,510					
23	Pinetops	2022 Waterline Improvements	\$7,962,500	\$7,962,500					
24	Landis	Mt. Moriah Church Rd. - N. Main St. Water Line Replacements	\$2,120,500		\$2,120,500				
25	Elm City	Drinking Water System-Rehabilitation and Improvements	\$1,734,325	\$1,734,325					
26	Pikeville	2022 ARPA Water System Improvements	\$4,100,000	\$4,100,000					

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

Proj. No.	Applicant Name	Project Name	Amount of 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	DWSRF PF	DWSRF Loan
27	Whitakers	Galvanized/Cast Iron Waterline Replacement	\$2,839,000	\$2,839,000					
28	Edgecombe County	2022 Eagles Road Water Line Extension (Disadvantaged / Underserved Area)	\$1,126,850		\$1,126,850				
29	McAdenville	Water Line Rehabilitation	\$3,749,048			\$1,730,250			\$2,018,798
30	Farmville	Galvanized/Cast Iron Waterline Rehabilitation	\$2,454,000		\$2,454,000				
31	Magnolia	Water Line Replacement Project	\$1,686,980		\$1,686,980				
32	Magnolia	Well Generator Project	\$142,875		\$142,875				
33	Rhodhiss	2022 Bridge Water Line Replacement Project	\$610,000		\$610,000				
34	Sharpsburg	Phase 3 Water System Improvements Project	\$1,274,710	\$1,274,710					
35	Beulaville	2022 Water System Improvements	\$3,460,000		\$3,460,000				
36	Hertford	Hertford Water Line Replacement	\$9,095,850	\$9,095,850					
37	Greenevers	Well Generators	\$327,880	\$327,880					

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

Proj. No.	Applicant Name	Project Name	Amount of 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	DWSRF PF	DWSRF Loan
38	Burnsville	Bolens Creek Raw Water Lines and Cane River Intake Improvements	\$2,221,191			\$2,221,191			
39	Burnsville	Main Street, Bennett Street, and Glendale Avenue Waterline Improvements	\$5,849,527					\$1,462,382	\$4,387,145
40	Sims	Elevated Storage Tank Rehabilitation	\$294,684		\$294,684				
41	Roseboro	2022 Water System Improvements	\$2,536,000		\$2,536,000				
42	Wilson	Phase II Waterline Replacement	\$3,723,080			\$3,723,080			
43	Robersonville	Water System Improvements	\$506,765	\$506,765					
44	Beech Mountain	2022 Water System Rehabilitation Project	\$4,058,480			\$4,000,000			\$58,480
45	Fuquay-Varina	Sanford WTP Expansion	\$48,980,000			\$8,500,000			\$20,000,000
47	Burnsville	Burnsville Water Treatment Plant Improvement Project	\$1,345,706						\$1,345,706
48	Laurinburg	Distribution System Improvements Phase 2	\$7,150,000						\$7,150,000

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

Proj. No.	Applicant Name	Project Name	Amount of 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	DWSRF PF	DWSRF Loan
50	Sims	Well 3 Rehabilitation	\$385,041					\$96,260	\$288,781
53	Ocracoke Sanitary District	Water Tank Replacement	\$5,603,000					\$3,500,000	\$2,103,000
54	Pittsboro	Water Treatment Plant Addition	\$11,636,000						\$11,636,000
55	Bolton	2022 ARPA Water System Improvements Project	\$3,230,000	\$3,230,000					
57	Edenton	Two New Water Wells	\$4,479,725	\$4,479,725					
62	Andrews	Town of Andrews Water Line Replacement	\$2,080,300	\$2,080,300					
63	Ellerbe	Main Street/US 220 Waterline Replacement	\$3,481,000	\$3,481,000					
66	Jonesville	AMR Meters/Waterline Replacement	\$6,946,300	\$6,946,300					
67	Jonesville	WTP Filter and Clearwell Replacement	\$8,015,200	\$8,015,200					
71	Chowan County	Reverse Osmosis Water Treatment Plant	\$400,000				\$400,000		
76	Ramseur	Water System Improvements	\$6,811,930	\$6,811,930					

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

Proj. No.	Applicant Name	Project Name	Amount of 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	DWSRF PF	DWSRF Loan
77	Snow Hill	Water System Rehabilitation Project for Well Four	\$536,000	\$536,000					
78	Hertford	Hertford Water Treatment System Improvements	\$2,153,950	\$2,153,950					
81	Asheville	North Fork & DeBruhl Water Treatment Plants - Conventional Treatment Upgrades	\$400,000				\$400,000		
160	Greenville Utilities Commission	GUC Distribution System Improvements Study	\$400,000				\$400,000		
192	Warren County	Regional Elevated Storage Tank (Planning grant)	\$189,500				\$189,500		
208	Onslow Water and Sewer Authority	Dixon WTP Expansion	\$250,000				\$250,000		
222	Wilkes County	Wilkes County Infrastructure Extension Project	\$400,000				\$400,000		
223	Lower Cape Fear Water & Sewer Authority	48" Parallel Raw Water Main PER & Rate Study Project	\$275,000				\$275,000		
Totals for Drinking Water Projects				\$107,656,266	\$63,052,200	\$23,444,271	\$2,314,500	\$5,103,684	\$48,987,910

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

Proj. No.	Applicant Name	Project Name	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	CWSRF PF	CWSRF Loan	Green Project Reserve
1	Siler City, Town of	Sewer Rehabilitation	\$5,000,000			\$5,000,000				
2	Burnsville, Town of	Bakers Creek Pump Station Improvements	\$599,500		\$599,500					
3	Littleton, Town of	Wastewater Treatment Plant Improvements	\$2,000,000		\$2,000,000					
4	Rowland, Town of	Sanitary Sewer Improvements	\$10,300,000	\$10,300,000						
5	Lake Waccamaw, Town of	Phase 6 Sewer Improvements	\$9,198,450		\$9,198,450					
6	Burnsville, Town of	Main Sewer Interceptor Improvements (East)	\$2,153,570		\$2,153,570					
7	Pittsboro, Town of	Find It & Fix It Sewer Rehabilitation	\$4,450,000			\$4,450,000				
8	Yadkin Valley Sewer Authority	Floodplain Resiliency Collection System Improvements	\$1,088,400			\$1,088,400				
9	Andrews, Town of	Town of Andrews Wastewater Treatment Plant Upgrade and Modernization	\$11,718,300	\$11,718,300						
10	Clinton, City of	Wastewater Treatment Plant Resiliency Improvements	\$2,558,000			\$2,558,000				

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11	Bailey, Town of	Sanitary Sewer Improvements	\$9,546,600	\$9,464,100				\$82,500	\$0	
12	Hertford, Town of	Collection System Improvements	\$3,746,490	\$3,746,490						
13	Mount Olive, Town of	Collections System Rehab & Replacement	\$15,000,000	\$8,397,230				\$500,000	\$6,102,770	
14	Roseboro, Town of	Rehabilitation/Replacement	\$6,415,760		\$6,415,760					
15	Yadkin Valley Sewer Authority	2022 Collection System Improvements	\$4,092,800			\$3,911,600		\$90,600	\$90,600	
16	Bath, Town of	Wastewater Transmission Project	\$5,230,000	\$5,230,000						
17	Clinton, City of	WWTP Electrical Service Resiliency and Reliability Improvements	\$3,621,000			\$2,442,000		\$0	\$1,179,000	
18	Bryson City, Town of	WWTP Improv.	\$16,998,400		\$15,000,000			\$500,000	\$1,498,400	
19	Star, Town of	WWTP & Collection System Improvements	\$13,575,000	\$13,575,000						
21	Haw River, Town of	Lang Steet Pump Station	\$5,000,000		\$5,000,000					
22	Fairmont, Town of	Fairmont Collection System Rehabilitation	\$15,000,000	\$14,769,667				\$115,167	\$115,167	

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23	Fayetteville Public Works Commission	SS Main Rehab	\$4,973,845			\$4,973,845				
24	Wadesboro, Town of	Collection System Improv.	\$9,556,500		\$9,556,500					
25	Parkton, Town of	Sewer System Improvement	\$4,928,210		\$4,928,210					
26	Whitakers, Town of	Porter Street Pump Station Relocation	\$1,250,000	\$1,250,000						
27	Morehead City, Town of	2022 ARPA WWTP Improvements Project	\$6,000,000			\$5,000,000		\$500,000	\$500,000	
28	Graham, City of	WWTP Improvements	\$30,000,000			\$1,250,000		\$500,000	\$28,250,000	
29	Marion, City of	Clinchfield Subbasin Rehab/Replacement	\$3,244,430		\$3,244,430					
30	Cliffside Sanitary District	Cliffside Sanitary District System Repairs and WWTP Retrofit	\$2,861,966	\$2,861,966						
31	Farmville, Town of	Middle Swamp Sanitary Sewer Outfall Relocation	\$4,431,000		\$4,431,000					
32	Macclesfield, Town of	WWTP Improvements	\$1,134,900	\$1,134,900						
33	Warrenton, Town of	WWTP Improvements	\$10,817,776	\$10,817,776						

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Proj. No.	Applicant Name	Project Name	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	CWSRF PF	CWSRF Loan	Green Project Reserve
34	Selma, Town of	Collection System Improvements	\$8,250,000		\$8,250,000					
35	Jamesville, Town of	WWTP upgrade	\$3,816,250		\$3,816,250					
36	Tabor City, Town of	WWTP Upgrades Phase 3	\$5,089,000		\$5,089,000					
37	Brevard, City of	Sewer Pump Station Rehabilitation and Replacement	\$2,873,000		\$2,873,000					
39	Mount Olive, Town of	WWTP Imprv.	\$6,600,770	\$6,600,770						
40	Scotland Neck, Town of	2022 ARPA Sewer Improvements	\$5,660,045	\$5,660,045						
41	Jamesville, Town of	Sewer System Rehabilitation	\$3,344,665					\$500,000	\$2,844,665	
42	Fountain, Town of	Lynch St Sanitary Sewer Improvements	\$1,517,500	\$1,517,500						
43	Warrenton, Town of	Sanitary Sewer Rehabilitation	\$4,096,663	\$4,096,663						
44	Thomasville, City of	Rains Road PS Upgrade	\$5,000,000					\$500,000	\$4,500,000	
49	Eden, City of	N. Aeration Basin Repair Renovations	\$9,148,000						\$9,148,000	X
51	Oxford, City of	Sewer System Improvements and Enhancement, Phase 5	\$9,561,720					\$500,000	\$9,061,720	

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

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52	Chadbourn, Town of	2022 Sewer Collection System Improvements	\$4,860,000					\$500,000	\$4,360,000	
53	Henderson, City of	Sandy Creek Basin Sewer Rehab	\$5,000,000						\$5,000,000	
54	Southern Pines, Town of	Southern Pines Sewer Rehabilitation and Replacement	\$4,999,950						\$4,999,950	
56	Claremont, City of	PS Improv-Elimination Project	\$1,338,670						\$1,338,670	X
57	Elm City, Town of	Multiple LS Rehab and Renewal	\$898,775						\$898,775	
58	Clinton, City of	E. Carter Street Pump Station Relocation and Replacement	\$2,354,000						\$2,354,000	
59	Robersonville, Town of	WWTP Improvements	\$6,000,000						\$6,000,000	
61	Pilot Mountain, Town of	Collection System Rehabilitation	\$6,813,500						\$6,813,500	
62	Laurinburg, City of	Leith Creek WWTP Influent Pump Station	\$10,315,000						\$10,315,000	
68	Mount Airy, City of	WWTP Planning Grant	\$200,000				\$200,000			
99	Beaufort, Town of	WW PS Improvements PCPG	\$225,000				\$225,000			
142	Littleton, Town of	Pump Station Rehabilitation Planning	\$276,500				\$276,500			

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Proj. No.	Applicant Name	Project Name	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	CWSRF PF	CWSRF Loan	Green Project Reserve
145	Scotland County	Wagram WWTP Evaluation, Planning & Upgrade	\$400,000				\$400,000			
156	Washington, City of	Cherry Run PS & 5th St FM Replacement PCPG	\$250,000				\$250,000			
182	Lexington, City of	LRWWTP Solids Handling Improvements PCPG	\$400,000				\$400,000			
203	Warren County	Pleasant Hill Pump Station Replacement	\$155,500				\$155,500			
206	Conover, City of	North East WWTP Improvements	\$400,000				\$400,000			
213	Kinston, City of	Oliver Glass Sewer Imprv Prelim-Eng	\$400,000				\$400,000			
217	Nashville, Town of	Stoney Creek Outfall Rehab	\$85,000				\$85,000			
220	Sanford, City of	Sanford WWTP Expansion PCPG	\$400,000				\$400,000			
227	High Point, City of	White Mill Pump Station, Force Main Extension, and LaSalle Siphon Improvements Preliminary Engineering	\$400,000				\$400,000			
238	Warren County	Eaton's Ferry Sewer Extension Pre-	\$455,000				\$400,000			

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Proj. No.	Applicant Name	Project Name	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	CWSRF PF	CWSRF Loan	Green Project Reserve
		Construction Planning Grant								
247	Washington, City of	WWTP Expansion Study PCPG	\$400,000				\$400,000			
Totals for Wastewater Projects				\$111,140,407	\$82,555,670	\$30,673,845	\$4,392,000	\$4,288,267	\$105,370,217	

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.