

**ARKANSAS NATURAL RESOURCES COMMISSION**  
**June 22, 2023**

The regular meeting of the Arkansas Natural Resources Commission (ANRC) was held in person and via Zoom on Thursday, June 22, 2023 at 9:30 a.m. at the Arkansas Department of Agriculture, 1 Natural Resources Drive, Little Rock, AR 72205.

Commissioners in attendance were as follows: Chairman Will Brewer, Vice Chairman Eddie Glover, Commissioner Neal Anderson, Commissioner Jamie Burr, Commissioner William Anderson, Commissioner JoAnne Bush, Commissioner Bruce Leggitt, and Commissioner Roy Reaves. Commissioner Bill Poynter was not able to participate in the meeting.

Staff members in attendance included: Wes Ward, Secretary of Agriculture, Chris Colclasure, Director; Ryan Benefield, Deputy Director; Megan Perkins, Conservation Program Coordinator; Mary Elizabeth Lea, Agriculture Program Specialist; Debby Dickson, Water Development Section Manager; Dewania Coleman, Program Fiscal Manager; Matthew Brooks, Engineer Supervisor; Whit Montague, Dam Safety/Floodplain Engineer Supervisor; Jay Whisker, State Water Engineer Supervisor; Wade Hodges, Attorney, Fred Wiedower, Deputy Chief Fiscal Officer and others attending virtually.

A list of guests is attached to the minutes.

Chairman Brewer called the ANRC meeting to order, and roll was called.

**APPROVAL OF MINUTES: March 15, 2023**

*Upon motion by Mr. Roy Reaves, seconded by Ms. JoAnne Bush, the Commission unanimously approved the minutes of the meetings held on March 15, 2023.*

**WATER RESOURCES DEVELOPMENT SECTION**

**Clean Water State Revolving Loan Fund (CWSRF)**

*Upon motion by Mr. Roy Reaves, seconded by Mr. William Anderson, the Commission unanimously approved the following staff recommendations for 45 projects for Clean Water funding.*

Mrs. Debby Dickson presented 45 CWSRF projects, see exhibit A.

**Drinking Water State Revolving Loan Fund (DWSRF)**

*Upon motion by Mr. Roy Reaves, seconded by Mr. Eddie Glover, the Commission unanimously approved the following staff recommendations for 62 projects for Drinking Water funding.*

Mrs. Debby Dickson presented 62 DWSRF projects, see exhibit B.

**State Funded**

*Upon motion by Mr. Eddie Glover, seconded by Mr. Jamie Burr, the Commission unanimously approved the following staff recommendations for 15 projects for State funding.*

Mrs. Debby Dickson presented 15 projects, see exhibit C.

*Upon motion by Mr. William Anderson, seconded by Mr. Neal Anderson, the Commission unanimously approved the following staff recommendations.*

## **Arkansas Rural Water Association**

**Project: 2023 - 2024 Circuit Rider Grant**

### **Project Description**

Arkansas Rural Water Association (ARWA) has been providing Training and Technical Assistance to water systems throughout the state of Arkansas since 1985 through funding provided by the Arkansas Natural Resources Commission.

ARWA has multiple technical assistance programs. This proposal is for the Association's continued funding assistance for a "Circuit Rider". The Circuit Rider is a trouble shooter, capable of providing the technical assistance necessary to help any water system, preferably under 10,000 population, with their infrastructure problems. The Circuit Rider would primarily provide assistance with operation, maintenance, management and financial problems that plague the smaller systems in the State of Arkansas. This technical assistance program is presently funded at \$125,000/year and ARWA is requesting that funding level remain the same to operate this annual program.

### **Project Financial Information**

The current three year (2018-2020) average Median Household Income (MHI) provided by UALR for the State of Arkansas is \$47,599.

ARWA will provide quarterly and year-end reports to the agency on each Commission funded program.

### **Executive Director's Recommendation**

Recommend the commission approve an amount up to \$125,000 in a grant to ARWA from the Water Development Fund.

## **Arkansas Rural Water Association**

**Project: 2023 - 2024 Public Water Systems Grant**

### **Project Description**

Arkansas Rural Water Association (ARWA) has been providing training and technical assistance to water and wastewater systems throughout the state of Arkansas since 1985 through funding provided by the Arkansas Natural Resources Commission.

The technical assistance grant program works with public water systems in ten counties listed as Arkansas' persistent poverty counties. These ten counties are selected for PWS (Public Water

Systems) infrastructure surveys. A planned, in-depth, on-site inspection of the selected systems is performed to include all existing above ground water system infrastructures.

These water system infrastructure inspections are to determine the source of water, number and type of tanks, pump station's voltage, horsepower, pump capacity, and if a system has interconnections with other PWS's. Additional inspection results determine the required power needs in KW (kilowatt) for emergency generators, the type of emergency electrical transfer switches and if a manual transfer switch or automatic transfer switch could be installed to make the PWS more resilient in a time of power outages. The inspections also determine the percent of monthly water loss for the last twelve months and to assist systems with water audits. This technical assistance program is presently funded at \$65,000/year and ARWA is requesting the funding level remain the same to operate this annual program.

### **Project Financial Information**

The current three year (2018-2020) average Median Household Income (MHI) provided by UALR for the State of Arkansas is \$47,599.

ARWA will provide quarterly and year-end reports to the agency on each program.

### **Executive Director's Recommendation**

Recommend the commission approve an amount up to \$65,000 in a grant to ARWA from the Water Development Fund.

*Upon motion by Mr. Jamie Burr, seconded by Mr. Neal Anderson, the Commission unanimously approved the following staff recommendations for State Match funding.*

### **Arkansas Natural Resources Commission**

**Project: Clean Water & Drinking Water State Revolving Loan Fund State Match**

### **Project Description**

The ADA-NRD administers the SRF programs. Both the Safe Drinking Water and Clean Water SRF programs were established by the U.S. Environmental Protection Agency (EPA). The Clean Water SRF provides a low interest source of financing for a wide range of wastewater treatment infrastructure projects. The Drinking Water SRF provides low interest financing for infrastructure improvements that are needed to protect public health and ensure compliance with drinking water standards. Communities across Arkansas can request financing through the SRF to improve or expand their water and wastewater systems at a lower interest rate than other financing options. This savings is then passed on to the rate payers in those communities.

The Infrastructure Investment and Jobs Act (IIJA) was enacted on November 15, 2021, these funds supplement the base SRF programs. The Drinking Water SRF has three separate funding opportunities under IIJA, general supplemental, emerging contaminants, and lead service line replacement and the Clean Water SRF has two funding opportunities under IIJA, general supplemental and emerging contaminants. A key priority under IIJA is to ensure that disadvantaged communities benefit equitably from this investment in water infrastructure.

ADA-NRD must apply annually for capitalization grants from the Environmental Protection Agency for each program each year including IJJA. As a condition of the capitalization grant the State of Arkansas is required to provide 10% to 20% State matching funds. The level of matching funds varies by program.

A total of \$13,905,200 of the series 2022B GO bond proceeds was reserved for SRF state match. The Commission approved a grant for \$8,058,800 from the Arkansas Water, Waste Disposal and Pollution Abatement Facilities General Obligation Bond Fund (GO Bond) in December 2022 for estimated FFY2022 EPA capitalization grant state match requirements leaving \$5,846,400 for future state match requirements.

**Estimated State Match**

EPA FFY 2023 Capitalization Grant – CWRLF	<b>\$4,907,000</b>
*Required 20% State Match for CWRLF	981,400
EPA 2023 General BIL Grant CWRLF	<b>\$13,635,000</b>
*Required 10% State Match CWRLF	1,363,500
Required 20% Capitalization State Match for CWRLF	981,400
Required 10% General BIL State Match for CWRLF	1,363,500
Total State Match for CWRLF	<b>\$2,344,900</b>
EPA 2023 Capitalization Grant - DWSRF	<b>\$5,912,000</b>
*Required 20% State Match for DWRLF	1,182,400
EPA 2023 General BIL Gants-DWRLF	<b>\$25,209,000</b>
*Required 10% State Match for DWRLF	2,520,900
Required 20% State Match for DWSRF	1,182,400
Required 10% General BIL State Match for DWSRF	2,520,900
Estimated Total State Match DWRLF	<b>\$3,703,300</b>
Total State Match for CWRLF & DWRLF (FFY 2023)	<b>\$6,048,200</b>

**Executive Director’s Recommendation**

Recommend the Commission approve an amount up to \$5,846,400 as a grant to Arkansas Natural Resources Commission from the Arkansas Water, Waste Disposal and Pollution Abatement Facilities General Obligation Bond Fund.

*Upon motion by Mr. Neal Anderson, seconded by Mr. Eddie Glover, the Commission unanimously approved the following staff recommendations for Water, Sewer Solid Waste Fund (WSSW).*

**City of Biscoe  
Prairie County**

**Project: Water and Wastewater Improvements**

**Project Description**

The commission approved a grant in an amount up to \$5,172,450 from the Arkansas Water, Waste Disposal, and Pollution Abatement Facilities General Obligation Bond Fund at the December 2022 commission meeting. Arkansas Department of Transportation (ARDOT), the City of Biscoe (City) and the Natural Resources Division (NRD) have met several times to discuss the project scope and funding. As a result, ARDOT will fund and manage the project for the improvements related to the White River rest area and the City will manage the project for the improvements related to the City's water and wastewater system improvements.

They serve customers within the incorporated City of Biscoe and the immediate surrounding areas. The water system has been in continuous service since 1965. The system consists of a water supply well, a water treatment plant, an elevated storage tank and water distribution lines. Due to the age of the system, it is in extremely bad condition with major corrosion and structural defects. The raw water well pump and the two high service pumps need being replaced. All the metal parts of the water treatment plant exhibit serious corrosion issues and require major repairs and or replacement. There is also need for an additional water supply well to supplement the existing 56-year-old well and provide redundancy and backup for the city's water supply. The proposed water system improvements will provide upgrades to the water treatment and storage facilities to accommodate the existing system customers and ensure major outages will be avoided. The improvements will also provide services to the ARDOT White River rest area which is currently lacking those services.

The wastewater collection system and treatment plant have been in service since 1995 providing domestic wastewater service to its customers. It consists of a treatment plant, six pumping stations, and collection lines. The existing pumping facilities have operated continuously for 26 years with the necessary maintenance that has been required to keep them operating. The useful life of the pumping station has been exceeded which results in the constant need of major maintenance on all the system's pumping equipment components. The Arkansas Department of Transportation (ARDOT) operates a rest area on Interstate 40 at the White River, approximately three miles West of Biscoe. The rest area does not currently have potable water or wastewater facilities. ARDOT has made inquiries to Biscoe about the possibility of providing the required water and wastewater services. Biscoe is willing to furnish the services provided funding for the project can be secured. It is proposed to replace all pumping and control equipment in the six existing pumping stations in the wastewater collection system. The existing wells will remain in service with all the existing pumps and piping being removed and replaced. The new control panels will include manual transfer switches for connection to the proposed trailer mounted portable generator.

**Project Financial Information**

The current average monthly residential water bill based on 4,000 gallons of usage is \$29.00. The current average residential wastewater bill based on 4,000 gallons of usage is \$28.00 The entity will not be required to increase its water or wastewater rates but will be required to complete a rate study compliant with Act 605. The current three-year (2017-2019) average Median Household

Income (MHI) provided by UALR for Biscoe is \$44,021. The entity listed its customer base for this project at 250. Biscoe has no outstanding loans with ANRC.

**Estimated Project Costs**

Category	ARDOT	BISCOE	Total Estimated Project Cost
Construction:	3,478,800	2,039,003	\$5,517,822
Contingencies:	347,880	105,000	\$452,880
Engineering – Planning:	278,304	79,121	\$357,425
Engineering – Inspection:	173,940	44,506	\$218,446
Legal Fees:	0	15,200	\$15,200
Administrative:	0	0	\$ 0
Capitalized Interest:	0	0	\$ 0
Other:	0	0	\$ 0
<b>Total Estimated Capital Cost</b>	<b>\$4,278,924</b>	<b>\$2,282,830</b>	<b>\$6,561,773</b>

**Executive Director’s Recommendation**

Recommend the commission change the grant from an amount up to \$5,172,450 from the Arkansas Water, Waste Disposal, and Pollution Abatement Facilities General Obligation Bond Fund to a grant from Water, Sewer Solid Waste fund in an amount up to \$2,282,830. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$228,283 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DE-OBLIGATION OF FUNDS:**

*Upon motion by Mr. Neal Anderson, seconded by Mr. Roy Reaves, the Commission unanimously approved the following staff recommendations for de-obligation of funds.*

Mrs. Debby Dickson reported on the below referenced funds to be de-obligated from the Arkansas Drinking Water State Revolving Loan Fund (DWSRF).

Town of Reed (01273-DWSRF-F) \$45,466.00  
 De-obligate funds in the amount of \$45,466.00 that were approved in March 2020 from the Arkansas Drinking Water State Revolving Loan Fund (DWSRF). Project is complete.

Wright Pastoria WA Meters (01324-DWSRF-L) \$356,460.00  
 De-obligate funds in the amount of \$356,460.00 that were approved in November 2020 from the Arkansas Drinking Water State Revolving Loan Fund (DWSRF). Project is complete.

Wright Pastoria WA Improvements (01320-DWSRF-L) \$64,650.00  
De-obligate funds in the amount of \$64,650.00 that were approved in November 2020 from the Arkansas Drinking Water State Revolving Loan Fund (DWSRF). Project is complete.

**GENERAL OBLIGATION BOND SERIES RESOLUTION:** Ryan Benefield, Deputy Director reported on series resolution authorizing the issuance and sale of \$43,000,000 state of Arkansas water, waste disposal and pollution abatement facilities general obligation bonds. \$30,000,000 that could be used for irrigation projects, and \$13,000,000 allocated for match for other projects.

*Upon motion by Mr. Neal Anderson, seconded by Mr. Roy Reaves, the Commission unanimously approved the general obligation bond series resolution.*

**CONSERVATION SECTION** – Megan Perkins reported on the below appointments, reappointments, change of positions and director emeritus:

**Appointments to Conservation District Boards**

Cleburne County	Brain Ashlock
Cleveland County	Jason Boyd
Cleveland County	Terry Thompson
Independence County	Meagan Davis
Jefferson County	Dawn Render
Jefferson County	Stephen Orlicek
L’aigle Creek	Jamie Courtney
L’aigle Creek	Robert Murphy

**Reappointments to Conservation District Boards**

Calhoun County	Frank Stevenson
Independence County	Eddie Wagoner
Izard County	Gary Hutson
Lawrence County	Ray Moseley
Lonoke County	Billy Bennett
Mine Creek	Joe Martin
Montgomery County	Jonathan Rowland
Perry County	Donald Shamsie
Pike County	Johnny Hale
White County	Bradley Watkins

**Positions Changes to Conservation District Boards**

Carroll County	Chris Meador
Carroll County	Larry Harp

**Director Emeritus to Conservation District Boards**

Miller County	Barbara Sutton
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Miller County  
Miller County

Nedra Turney  
John Turner

*Upon motion by Mrs. JoAnna Bush, seconded by Mr. Neal Anderson, the Commission unanimously approved the appointments, reappointments, changes in positions and director emeritus to Conservation District Boards.*

#### **FY2024 State Grants-to-Districts Funding**

Ms. Perkins recommended 21 conservation districts and their 31 projects and quickbooks for all 75 conservation districts for grants-to-districts funding.

*Upon motion by Mr. William Anderson, seconded by Mr. Bruce Leggitt, the Commission unanimously approved the funding for FY2024 State Grants-to-Districts.*

#### **FY2024 Line-Item Funding**

Ms. Perkins recommended the FY24 available line-item funding, \$922,339 to be distributed equally to each of the 75 conservation districts.

*Upon motion by Mr. Roy Reaves, seconded by Mr. William Anderson, the Commission unanimously approved the funding for FY2024 Line-Item.*

**REPORT OF THE DIRECTOR** – Director Colclasure began by highlighting events occurring within the Arkansas Natural Resources Division (NRD):

#### **General Agency**

- We awarded 13 AURP projects totaling \$904,510 utilizing \$300,000 from the Unpaved Roads Funding and \$604,510 from #19 funding. (Sharp, Fulton, Greene, Hot Spring, Poinsett, Calhoun, Polk, Benton, Washington, Conway, Johnson, Searcy, and Pope.
- We secured contracts for bond counsel and financial advisor for conducting revenue bond sales in our State Revolving Fund Program. You approved the series resolution of \$43 million today in the General Obligation Bond Program. We also plan to sale \$120 million in revenue bonds to increase cash in the State Revolving Fund to meet increased borrowing demands. The SRF Bond Resolution will be coming to you for review and approval at the July meeting.
- ARPA Update: We have expensed \$13.2 million of the \$280 million. We continue work our legal team to develop agreements for all 157 projects.
- This fiscal year we have conducted 20 water plan compliance reviews and hearings. We had another 252 projects that were evaluated and determined to be exempt and two projects pending review and a decision.
- We have also issued Non-Riparian Permits, mostly for Energy Companies. We do have one pending permit for a withdraw from the Ouachita River by Saline Regional Public Water Authority. We have scheduled a public hearing next Tuesday in Benton to get input prior to the final permit decision.



- We continue to experience a generational turnover and frequent retirements. This month we had two long time employees retire from the Division. Mike Guess (Groundwater Section) with 30 years of employment and Alan Johnson (35 years). Alan is here today, and we will be presenting him his retirement plaque.


**FINANCIAL ASSISTANCE REPORT** - Mr. Fred Wiedower, Deputy Chief Fiscal Officer, presented the financial assistance report dated May 31, 2023. There were no questions.

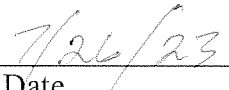
**LEGAL** – Mr. Wade Hodge briefly went over act 691, the consolidating agriculture boards and commissions, abolishing certain boards within the department of agriculture, and transferring the duties of certain boards within the department. Some of the changes include the readvisement of membership of the Commission to require two licensed water well contractors, terms go from 7 years to five years, this will go into effect at the next new appointment, and a water well subcommittee will need to be created, one of water well contractors will be chairman.

**OTHER**

**ADJOURN**

There being no further business, the commission unanimously agreed to adjourn the meeting.

  
\_\_\_\_\_  
Chris Colclasure  
Director

  
\_\_\_\_\_  
Date

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Magazine**

**\$1,343,726**

**Wastewater Collection and Treatment Rehabilitation**

Total Project Cost	<b>\$1,343,726.00</b>	Median Household Income	<b>\$39,174</b>
Loan	<b>\$1,007,794.50</b>	Low to Moderate Income Percentage	<b>49.73%</b>
Principal Forgiveness	<b>\$335,931.50</b>	Population Served	<b>792</b>
Initial RBF	<b>0.74%</b>	County	<b>Logan</b>
Final RBF	<b>1.65%</b>	ARPA Project	<b>No</b>

**Project Description:**

**Wastewater Collection System**

- a. Replace of 6,525 LF of 8" gravity sewer.
- b. Rehabilitate 80 manholes.

**Wastewater Treatment Plant Improvements**

- a. Install automatic screen before the WWTP Lift Station.
- b. Install Influent Flow Measurement Equipment
- c. Install Aeration in Lift Station
- d. Replace Clarifier
- e. Replace Chlorine disinfection with Peracetic Acid (PAA).
- f. Rehabilitate Intermittent Sand Filters
- g. Rehabilitate Sludge Filter Beds
- h. Replace Effluent Flow Measurement Equipment

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,007,794.50** and a loan with principal forgiveness in an amount up to **\$335,931.50** to the City of Magazine from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$134,373 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Dierks**

**\$4,724,206**

**Wastewater Improvements**

Total Project Cost	<b>\$4,724,206.00</b>	Median Household Income	<b>\$37,584</b>
Loan	<b>\$1,181,051.50</b>	Low to Moderate Income Percentage	<b>53.15%</b>
Principal Forgiveness	<b>\$3,543,154.50</b>	Population Served	<b>916</b>
Initial RBF	<b>0.65%</b>	County	<b>Howard</b>
Final RBF	<b>1.34%</b>	ARPA Project	<b>No</b>

**Project Description:**

The City of Dierks has retained A.L. Franks Engineering to evaluate and make recommendations on improvements to the existing wastewater system. The city is proposing to replace existing sewer main with 29,500 feet of 8-inch, 11,500 feet of 10-inch, 150 manholes and associated appurtenances.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,181,051.50** and a loan with principal forgiveness in an amount up to **\$3,543,154.50** to the City of Dierks from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$472,421 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Horatio**

**\$5,037,302**

**Wastewater System Improvements**

Total Project Cost	<b>\$5,037,302.00</b>	Median Household Income	<b>\$28,205</b>
Loan	<b>\$1,259,325.50</b>	Low to Moderate Income Percentage	<b>47.53%</b>
Principal Forgiveness	<b>\$3,777,976.50</b>	Population Served	<b>920</b>
Initial RBF	<b>0.51%</b>	County	<b>Sevier</b>
Final RBF	<b>2.60%</b>	ARPA Project	<b>No</b>

**Project Description:**

The City of Horatio, Arkansas has retained A.L. Franks Engineering to evaluate and make recommendations on improvements to the existing wastewater system. The City of Horatio is proposing to replace the existing wastewater collection system and rehab two existing lift stations within the City. The City proposes to replace approximately 35,000 L.F. of sewer main along with 120 manholes, connect services, and associated appurtenances. The City proposes to replace the existing pumps and rehab the existing two lift stations with the City.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,259,325.50** and a loan with principal forgiveness in an amount up to **\$3,777,976.50** to the City of Horatio from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$503,730 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Junction City**

**\$577,640**

**Wastewater Improvements**

Total Project Cost	<b>\$577,640.00</b>	Median Household Income	<b>\$30,775</b>
Loan	<b>\$433,230.00</b>	Low to Moderate Income Percentage	<b>42.28%</b>
Principal Forgiveness	<b>\$144,410.00</b>	Population Served	<b>300</b>
Initial RBF	<b>0.57%</b>	County	<b>Union</b>
Final RBF	<b>1.49%</b>	ARPA Project	<b>No</b>

**Project Description:**

The City of Junction City has retained AL Franks Engineering to evaluate and make recommendations on the city's wastewater system. The city proposes to replace approximately 4,000 feet of 8-inch sewer main and 15 manholes.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$433,230.00** and a loan with principal forgiveness in an amount up to **\$144,410.00** to the City of Junction City from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$57,764 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Bentonville**

**\$97,759,381**

**Water Resouce Recovery Facility Improvements**

Total Project Cost	<b>\$97,759,381.00</b>	Median Household Income	<b>\$81,422</b>
Loan	<b>\$97,759,381.00</b>	Low to Moderate Income Percentage	<b>26.74%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>54,164</b>
Initial RBF	<b>0.58%</b>	County	<b>Benton</b>
Final RBF	<b>*%</b>	ARPA Project	<b>No</b>

**Project Description:**

This project consists of a Capital Improvement Plan to repair/replace failing/obsolete infrastructure and Process Intensification to increase capacity to accommodate growth in the served basin through 2045, essentially doubling the plant's current capacity from 4 MGD to 8 MGD and service an estimated population of 60,000.

The Capital Improvement Plan includes the following:

1. Repair/Replacement of Clarifier No. 1:
2. Installation of tertiary filters: The WRRF discharges to Town Branch Creek which has a TMDL for phosphorus. With a permitted
3. Replace obsolete UV disinfection:
4. Provide effluent pumping:
5. Relocate and improve electrical service:
6. Construct digester valve vaults:
7. Administration building/lab improvements:
8. Ancillary improvements:

The Process Intensification includes the following:

1. New Headworks to accommodate increased flows and primary screening.
2. Expand anoxic basins to include new aerobic selector basin on each existing train and convert existing selectors to mixed liquor fermenter.
3. Aeration basin modifications which upgrade the existing rotor motors and increase the rotor submerged depth to increase the standard oxygen transfer rate.
4. Surface wasting in aeration basins will be added to improve settling characteristics of the mixed liquor.
5. Density baffles will be added in clarifiers due to higher density sludge to eliminate density currents and retain the dense floc.
6. Dual use filters will be added to help handle peak flows from wet weather events.

7. All items listed in the CIP above will be sized to accommodate the expansion and intensification improvements.

Recommendation:

Recommend the Commission approve a loan in an amount up to **\$97,759,381.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Bentonville from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$9,775,938 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Highfill**

**\$2,721,750**

**Regional Connection to NACA and Centerton**

Total Project Cost	<b>\$2,721,750.00</b>	Median Household Income	<b>\$78,160</b>
Loan	<b>\$2,721,750.00</b>	Low to Moderate Income Percentage	<b>45.67%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>1,587</b>
Initial RBF	<b>0.57%</b>	County	<b>Benton</b>
Final RBF	<b>1.47%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The city has experienced rapid growth over the last seven years and its existing wastewater treatment plant (WWTP) and drip field are nearing capacity as a result. The city is projected to continue to grow and will not be able to accommodate future residents with their current system. Although the existing WWTP and drip field could be expanded to cover short-term growth, a long-term solution will better benefit the current and future residents of Highfill.

The proposed project consists of a regional connection to the City of Centerton's and the Northwest Arkansas Conservation Authority's (NACA) sewer systems. Additionally, the existing WWTP and drip field would be abandoned once the project is complete. The improvements would allow the wastewater collected in Highfill's system to be split between Centerton and NACA's systems based on the drainage basin it is located in. The wastewater within the northern drainage basin would be diverted to Centerton and transferred via Centerton to Decatur for treatment, and the wastewater collected in the southern basin would be delivered to NACA via the 12-inch force main proposed by the project.

The proposed project includes the construction of approximately 18,200 linear feet of 12-inch force main from the southern lift station on Arkansas Highway 264 to NACA. The project would also include improvements to the aforementioned lift station since it will be the main lift station conveying wastewater from Highfill to NACA. The northern lift station on Hutchens Road can currently send flows south to the Highfill WWTP via an 8-inch force main, or north to Centerton via a 10-inch force main. Supervisory Control and Data Acquisition (SCADA) systems will be installed as part of the project also to monitor Highfill's three existing lift stations and a master meter that will be located at NACA.

The City of Highfill and its existing drip field are located within the Illinois River watershed. The purpose of the project is to convey part of Highfill's wastewater to NACA for treatment. NACA's facility utilizes a Biological Nutrient Removal (BNR) process, which is designed to remove nutrients like nitrogen and phosphorus to very low levels. NACA's capabilities to remove nutrients are far greater than those of Highfill's existing wastewater treatment plant, which will lead to a reduction and removal of nutrients in the Illinois River. Similarly, the abandonment of Highfill's existing drip field will result in an indirect reduction in nutrients in the Illinois River watershed as it can reduce the potential for nutrient migration from the site.

**Recommendation:**



Recommend the Commission approve a loan in an amount up to **\$2,721,750.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Highfill from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$272,175 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Pleasant Plains**

**\$7,687,757**

**Pleasant Plains Wastewater Collection System & Treatment Facility Construction**

Total Project Cost	<b>\$7,687,757.00</b>	Median Household Income	<b>\$39,621</b>
Loan	<b>\$1,921,939.25</b>	Low to Moderate Income Percentage	<b>36.92%</b>
Principal Forgiveness	<b>\$5,765,817.75</b>	Population Served	<b>352</b>
Initial RBF	<b>1.60%</b>	County	<b>Independence</b>
Final RBF	<b>3.39%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The Town of Pleasant Plains currently has no centralized wastewater collection system or treatment facility. All wastewater generated by the residents of Pleasant Plains is treated by individual septic systems. This septic system consists of a tank to settle solids and septic field absorption lines to dispose of the gray water. Individual septic systems depend on the ground to allow the gray water to penetrate the existing soil. Due to the nature of the soils in the project area, septic systems do not operate correctly. A sanitary survey has been completed for the area and is attached at the end of this report. Based on the Sanitary Survey, the Community has a 62% rate of septic system malfunction. During wetter periods of the year the wastewater will stand in the yards due to poor soil absorption. This standing wastewater creates a health hazard for kids and residents. The proposed project will eliminate standing water from the septic system. The proposed project will eliminate the possibility of contamination of the ground water from the septic systems and eliminate standing wastewater runoff into surface waters. A large amount of land is needed to construct an individual septic system which limits the development of property and growth for the Town. Pleasant Plains is located on Arkansas Highway 167. The highway is a 4-lane highway and experiences large amounts of traffic. . The proposed project consists of the construction of a gravity sewer collection system with two pump stations. The proposed project consists of the construction of a 100,000 GPD wastewater treatment facility.

The project design is complete and all approvals for the collection system and treatment facility are obtained. Pleasant Plains received bids for the construction of the collection system and treatment facility on November 2, 2022. The bids exceeded the amount of funds available for construction of the project. Additional funds are needed to allow the construction of the wastewater system at Pleasant Plains.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,921,939.25** and a loan with principal forgiveness in an amount up to **\$5,765,817.75** to the City of Pleasant Plains from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$768,776 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Camden**

**\$3,520,061**

**WWTP Aeration Improvements & Collection Master Plan Phase II**

Total Project Cost	<b>\$3,520,061.00</b>	Median Household Income	<b>\$32,179</b>
Loan	<b>\$3,520,061.00</b>	Low to Moderate Income Percentage	<b>54.91%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>10,612</b>
Initial RBF	<b>1.01%</b>	County	<b>Ouachita</b>
Final RBF	<b>1.22%</b>	ARPA Project	<b>No</b>

**Project Description:**

The Camden Water Utilities has retained A.L. Franks Engineering to evaluate and make recommendations on replacing the wastewater collection system. The Camden Water Utilities owns and operates a wastewater treatment facility under permit AR0022365. The facility is designed to treat 3.5 MGD and includes screening, grit removal, an oxidation ditch, clarification, and disinfection. The floating aerators within the oxidation ditch need replacement at this time. New floating aerators are considered for use and shall improve biological treatment as well as provide better energy efficiency.

In addition, the Camden Water Utilities has retained A.L. Franks Engineering to evaluate and make recommendations on replacing the wastewater collection system. Camden Water Utilities is replacing the wastewater collection system in Phases. Sewer mains that have been problematic, points of known infiltration, have been prioritized for replacement. The existing collection mains have been observed to be concrete pipe which commonly has joint failures, and infiltration.

Phase I of the Master Plan has been completed, Phase II of IV is designed and ready for Arkansas Department of Health Approval. A small portion of the Phase II work was completed in January of 2022 due to a high priority main repair being required.

Overall, the Phase II main replacement consist of 2,740-ft of 24-inch diameter sewer main, 9,320-ft of 8-inch & 10-inch sewer mains, manholes, service connections, and other associated appurtenances. The improvements will effectively eliminate an existing sewer lift station that has experienced inundation by floodwaters. A significant reduction in inflow & infiltration is expected by the project. The improvements will occur in the City of Camden, Arkansas which is in Ouachita County.

In addition, the wastewater treatment facility is designed to treat 3.5 MGD and includes screening, grit removal, an oxidation ditch, clarification, and disinfection. The floating aerators within the oxidation ditch need replacement at this time. New floating aerators are considered for use and shall improve biological treatment as well as provide better energy efficiency.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$3,520,061.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Camden from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$352,006 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of DeQueen**

**\$1,316,675**

**Wastewater Improvements**

Total Project Cost	<b>\$1,316,675.00</b>	Median Household Income	<b>\$41,853</b>
Loan	<b>\$1,316,675.00</b>	Low to Moderate Income Percentage	<b>55.97%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>6,556</b>
Initial RBF	<b>0.30%</b>	County	<b>Sevier</b>
Final RBF	<b>0.32%</b>	ARPA Project	<b>No</b>

**Project Description:**

The proposed sewer interceptor replacement project is located within the City of DeQueen. The project is designed to replace two existing wastewater trunk mains that are 50 year old concrete pipe. All the city's collected wastewater will be conveyed through the proposed mains.

Replacement of a 30" main is proposed (1,544 LF) as well as the replacement of a 21" main (1,563 LF). The 21" main will primarily be utilized to convey wastewater from the Pilgrim Pride processing plant to the 30" main and then to the city's wastewater treatment plant .

The City has made point repairs on the existing 15" sewer main where pipe joints have failed/collapsed. Televising a portion of the existing main was performed in January 2022 to perform cleaning and review the condition of the pipe and manholes. The 15" main serving the processing plant is hydraulically at capacity and requires upgrading in size.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,316,675.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of DeQueen from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$131,668 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of El Dorado**

**\$63,051,977**

**Wastewater Treatment Plant (2 WWTP) Improvements**

Total Project Cost	<b>\$63,051,977.00</b>	Median Household Income	<b>\$35,682</b>
Loan	<b>\$63,051,977.00</b>	Low to Moderate Income Percentage	<b>49.02%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>18,800</b>
Initial RBF	<b>1.01%</b>	County	<b>Union</b>
Final RBF	<b>2.28%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The proposed project is located at the El Dorado Water Utilities (EDWU) existing Wastewater Treatment Plants (WWTPs). The North WWTP is located at 1119 Victor Dumas Drive and the South WWTP is located at 325 Quail Crossing in El Dorado, Arkansas. The proposed project is intended to rehabilitate EDWU's existing WWTPs; consequently, the existing service areas will not change.

The proposed project includes the rehabilitation of EDWU's two (2) existing WWTPs. Improvements at both WWTPs include continued utilization of the existing lagoon systems and involves the replacement of all major mechanical components, including surface aerators, pumps, and dissolved air flotation units. Improvements to each existing WWTP also include the addition of new influent pump stations, headwork facilities, and Peracetic Acid disinfection systems. The project will also include dredging of sludge from the existing lagoons at both WWTPs.

The EDWU treatment facilities were originally constructed in the 1970s, and most of the mechanical equipment is original and has far exceeded its expected design life. Additionally, there is no preliminary treatment at the existing WWTPs to remove materials such as trash, rags, and grit. These materials currently accumulate in downstream treatment cells ultimately reducing treatment capacities and creating maintenance issues. The influent pump stations are needed to overcome the headloss added to the treatment processes by the recommended screening and grit removal equipment. Disinfection is not currently required at either of EDWU's WWTPs to meet effluent requirements. However, as the system grows and/or the regulatory environment changes, future disinfection may be required to meet permit limits. Peracetic Acid was selected as the recommended disinfection system as it resulted in the lowest life cycle cost and capital investment of the evaluated alternatives.

Recommendations for this project were introduced in a WWTP evaluation that was prepared for EDWU in July 2017.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$63,051,977.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of El Dorado from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$6,305,198 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.



**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of McGehee**

**\$2,156,463**

**Sewer System Improvements**

Total Project Cost	<b>\$2,156,463.00</b>	Median Household Income	<b>\$26,722</b>
Loan	<b>\$539,115.75</b>	Low to Moderate Income Percentage	<b>58.03%</b>
Principal Forgiveness	<b>\$1,617,347.25</b>	Population Served	<b>3,849</b>
Initial RBF	<b>1.07%</b>	County	<b>Desha</b>
Final RBF	<b>1.20%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The City of McGehee, Arkansas, has retained A.L. Franks Engineering to evaluate and make recommendations on improvements to the existing wastewater system. The proposed project will include replacing approximately 2,000 feet of 15-inch sewer main, 3,500 of 12-inch sewer main, 4,000 feet of sewer main and associated appurtenances. The improvements will occur in the City of McGehee, Arkansas, in Desha County.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$539,115.75** and a loan with principal forgiveness in an amount up to **\$1,617,347.25** to the City of McGehee from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$215,646 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**Westwood Village Sewer Facilities Board**

**\$490,779**

**Westwood Village Sewer Improvements**

Total Project Cost	<b>\$490,779.00</b>	Median Household Income	<b>\$37,266</b>
Loan	<b>\$122,694.75</b>	Low to Moderate Income Percentage	<b>51.55%</b>
Principal Forgiveness	<b>\$368,084.25</b>	Population Served	<b>40</b>
Initial RBF	<b>1.61%</b>	County	<b>Garland</b>
Final RBF	<b>2.01%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The Westwood Village Subdivision was developed 1977-78, the sewer collection and treatment system became the responsibility of the property owner’s association. Over time, the collection system had excessive infiltration/inflow that results in the sewer treatment plant being overloaded in wet weather periods. In addition, the plant significantly deteriorated over the 45 years of operation. During high flow periods solids are discharged to the sand filters clogging them.

Continued pressure from the state authorities made some progress for operations, but the success was limited by the inability of the plant as constructed to adequately handle the flows resulting from high rates of rainfall-induced infiltration. The facility recently applied for ARPA funds and was approved for 75% of total project costs or \$1,472,339 Federal Grant Funds.

THIS APPLICATION IS FOR PARTIAL FUNDING OF THE 25% LOCAL MATCH.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$122,694.75** and a loan with principal forgiveness in an amount up to **\$368,084.25** to the Westwood Village Sewer Facilities Board from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$49,078 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of West Fork**

**\$1,120,000**

**Homestead addition WW improvements**

Total Project Cost	<b>\$1,120,000.00</b>	Median Household Income	<b>\$56,677</b>
Loan	<b>\$280,000.00</b>	Low to Moderate Income Percentage	<b>46.23%</b>
Principal Forgiveness	<b>\$840,000.00</b>	Population Served	<b>2,316</b>
Initial RBF	<b>1.62%</b>	County	<b>Washington</b>
Final RBF	<b>2.60%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The Homestead Addition Subdivision is located approximately 1/4 mile north of the West Fork city limits in Washington County in Northwest Arkansas. It is currently served by a decentralized wastewater treatment facility and a drip irrigation disposal system located in the northeast corner of the subdivision. Each residence has its own Septic Tank Effluent Pump (STEP) system which pumps into a common low pressure force main system which in turn connects to the on-site wastewater treatment facility. The drip irrigation disposal system consists of 6 separate drip zones. The system has a No-Discharge Permit (No. 5135-WR-3) through the Arkansas Department of Environmental Quality (DEQ) with an expiration date of November 30, 2023. It was constructed approximately 17 years ago and is rapidly nearing the end of its design life.

The Arkansas Department of Energy and Environment Division of Environmental Quality performed a reconnaissance inspection of the subdivision's wastewater system in March 2021 and determined that the system needed major repairs in order to maintain compliance with its No Discharge Permit. Violations noted in the inspection included wastewater surfacing and ponding in several areas throughout the drip fields. Runoff from the drip fields can enter a small unnamed tributary to the north as well as the storm water collection system for the subdivision. The unnamed tributary and the subdivision's storm water collection system discharge into the West Fork White River located less than 1/2 mile west of the subdivision. The West Fork White River flows into Beaver Lake, which is the primary source of drinking water for Northwest Arkansas. In addition, numerous residences in the subdivision have experienced failures of the individual septic tanks and/or pumps due to improper construction and installation methods. With the existing system's severe issues and need for major repairs, the threat to the environment will only continue to increase.

The City of West Fork recently completed a major sewer improvement project to send all their wastewater to the City of Fayetteville for treatment. The city's 15-inch gravity sewer and lift station are in close proximity to Homestead Addition and were sized to handle the full buildout flows from Homestead Addition as per the April 2019 Final Facility Plan. The City of West Fork has agreed to accept wastewater flows from Homestead Addition and will serve as the Project Sponsor if grant funding is received for this project. As shown in Figure 3 attached, the proposed project consists of a completely new gravity sewer system to serve Homestead Addition and connect to the existing 15-inch West Fork gravity sewer main. Approximately 4,500 feet of 8-inch sewer will be required along with approximately 10,000 feet of 4-inch service lines extending from the mains to each residence. Once constructed, the existing treatment facility, drip irrigation system, and individual STEP systems at each residence would be decommissioned. The total estimated project cost of \$2,240,000 includes construction, treatment facility and STEP system decommission, engineering, surveying, land acquisition, contingency, and payoff of the existing bond for the treatment facility. The Homestead Addition was awarded

\$1,120,000 in ARPA grant funds (50% of the total project cost), therefore an additional \$1,120,000 is being requested in ANRC principal forgiveness.

Recommendation:

Recommend the Commission approve a loan in an amount up to **\$280,000.00** and a loan with principal forgiveness in an amount up to **\$840,000.00** to the City of West Fork from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$112,000 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Calico Rock**

**\$938,825**

**Calico Rock Wastewater System Improvements**

Total Project Cost	<b>\$938,825.00</b>	Median Household Income	<b>\$43,259</b>
Loan	<b>\$938,825.00</b>	Low to Moderate Income Percentage	<b>50.93%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>2,001</b>
Initial RBF	<b>0.65%</b>	County	<b>Izard</b>
Final RBF	<b>1.21%</b>	ARPA Project	<b>No</b>

**Project Description:**

The City of Calico Rock is located in Izard County. Calico Rock treats all wastewater generated by the existing users at the existing wastewater treatment facility. Calico Rock is currently under a Consent Administrative Order (CAO) With the Arkansas Department of Environmental Quality (ADEQ). Improvements are needed to the wastewater system to bring the system back into compliance with the current NPDES permit requirements.

The existing wastewater treatment facility feeds chlorine for disinfection prior to discharge. This dechlorination is required by the current NPDES permit for discharge issue to the city by ADEQ. The chlorination equipment and dechlorination equipment is currently housed in the same room. These chemicals need to be separated and housed in separate rooms to allow separation of the chemicals. The City has an existing wastewater pump station on Walnut Street. This pump station is located in the floodplain and is prone to flooding during heavy rainfall events. When flooding occurs the pump station is not operational due to the electrical system being damaged by the flood waters. This pump station needs the top raised 12'.

The proposed project includes the installation of a sludge pump station, a sludge filter, a polymer feed building, and renovation of the existing chemical feed building to separate the chlorine and dechlorination chemicals. A new sludge filter and sludge pump station will be installed to allow sludge to be pumped from the sludge holding pond and through the filter. Polymer will be mixed into the sludge to allow the sludge particle to be filtered from the water. The water from the process will be returned to the head of the plant. The sludge will be filtered in the sludge filter and then stored in a 40 cy container for hauling and disposal at the nearest land fill. The proposed project also includes the renovation of the existing lab building to allow separation of the chlorine and dechlorination equipment and the raising of the top elevation of the Walnut Street Pump Station to allow continued operation during a flooding event.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$938,825.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Calico Rock from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$93,883 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant

to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**Town of Etowah**

**\$608,661**

**Wastewater System Improvements**

Total Project Cost	<b>\$608,661.00</b>	Median Household Income	<b>\$40,530</b>
Loan	<b>\$304,330.50</b>	Low to Moderate Income Percentage	<b>43.75%</b>
Principal Forgiveness	<b>\$304,330.50</b>	Population Served	<b>254</b>
Initial RBF	<b>0.91%</b>	County	<b>Mississippi</b>
Final RBF	<b>1.55%</b>	ARPA Project	<b>No</b>

**Project Description:**

The Town of Etowah, Arkansas, is in Mississippi County currently treats all wastewater generated by its users. The town currently has 10 lift stations and a wastewater treatment facility. The 10 lift stations currently do not have alarm monitoring on the stations. The operator currently has no way knowing when a problem occurs at the lift stations. These lift stations need a monitoring system installed on the station to notify the operator anytime an alarm event occurs. This monitoring system will ensure the town is notified anytime an issue occurs and will allow the Town to make corrections before an overflow occurs at the lift station.

The Town has 55 individual simplex grinder pump stations that provide wastewater service to 55 customers. These pump stations were installed at the time the original system was installed in 2005. Many of these individual grinder pumps do not operate correctly. These old pumps create an excessive operation and maintenance cost to the system due to the age and condition of these pumps. The individual grinder pumps need replaced to ensure proper operation of the system and to reduce the repair cost for the system.

The wastewater treatment facility consists of a 3-cell lagoon. The Town is currently in the design phase the installation of a UV disinfection system. The treatment facility currently has no potable water service at the facility. Water service is needed to properly clean and maintain the proposed UV disinfection unit.

The proposed project consists of the installation of discharge flow meters and monitoring system at the 10-lift stations.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$304,330.50** and a loan with principal forgiveness in an amount up to **\$304,330.50** to the Town of Etowah from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$60,866 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Hope**

**\$3,488,000**

**Holding Pond Overflow Treatment**

Total Project Cost	<b>\$3,488,000.00</b>	Median Household Income	<b>\$37,767</b>
Loan	<b>\$3,488,000.00</b>	Low to Moderate Income Percentage	<b>59.81%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>8,952</b>
Initial RBF	<b>0.68%</b>	County	<b>Hempstead</b>
Final RBF	<b>0.90%</b>	ARPA Project	<b>No</b>

**Project Description:**

The City of Hope currently has two wastewater treatment plants - East WWTP (0.8 MGD) and West WWTP (1.2 MGD). Both plants have primary treatment with bar screens and grit removal, secondary treatment with activated sludge aeration, and tertiary treatment with rapid filtration. Disinfection prior to discharge is chlorine disinfection at the East WWTP and UV Disinfection at the West WWTP.

This project includes pond dredging for sludge removal at both wastewater treatment plants' holding ponds and installing a wastewater filter, UV disinfection, SCADA monitor, and stair-step aerator at both wastewater treatment plants to treat high flows, increase treatment capacity, and prevent overflow of the holding ponds.

The Arkansas Department of Environmental Quality (ADEQ) requested the City of Hope to provide a Corrective Action Plan (CAP) in March 2019 to address deficiencies and/or violations of the City's NPDES Permits for both wastewater treatment plants due to wastewater overflows. The CAP was presented to ADEQ in May 2019. The CAP detailed all the proactive measures already taken by the City of Hope to repair and improve the collection system and treatment facilities as well as provided milestone schedules for the on-going projects that were evaluating and rehabilitating the collection system and treatment facilities at that time. Included in the CAP was sludge removal and filtration/disinfection at the wastewater treatment holding ponds.

In August of this year, ADEQ personnel provided their Summary of Findings following a Compliance Evaluation Inspection of the Bois D' Arc (West Plant) in June 2022. The Summary of Findings included the following comments directly relevant to this project:

1.) The minimum free board for holding basin was less than 2 feet (see Photos 7-8). This is a violation of the "Ten States Standards" adopted by Regulation 6.202B of the APC&EC. Specifically, Citation 93.415 of 2014 Recommended Standards for Wastewater Facilities. 2.) Sanitary waste was observed at the end of the levee spillway and in the drainage ditch from overflows occurring in the holding basin (see Photos 9-12). This is a violation of permit condition Part II (6). This is a REPEAT violation."

This project is the priority for the City of Hope. This project would enable the city to operate and maintain their treatment facilities in full compliance with the regulations of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and within the parameters of their NPDES Permit.

**Recommendation:**



Recommend the Commission approve a loan in an amount up to **\$3,488,000.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Hope from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$348,800 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Horseshoe Bend**

**\$967,390**

**Sewer System Improvements**

Total Project Cost	<b>\$967,390.00</b>	Median Household Income	<b>\$32,481</b>
Loan	<b>\$241,847.50</b>	Low to Moderate Income Percentage	<b>52.57%</b>
Principal Forgiveness	<b>\$725,542.50</b>	Population Served	<b>2,539</b>
Initial RBF	<b>1.03%</b>	County	<b>Izard</b>
Final RBF	<b>1.26%</b>	ARPA Project	<b>No</b>

**Project Description:**

The City of Horseshoe Bend operates two wastewater treatment plants, White Oaks and Paradise Acres. The discharge for Paradise Acres flows to Hubble Creek and then to the Little Strawberry River. Due to effluent violations the city has been asked to provide the corrective action plans for both plants. An ADEQ spokesman reported that the Paradise Acres plant will receive a new parameter to test for on the next renewal of their permit. This will be phosphorus, which is expensive to test for. The proposed project will provide consolidation within the city and send flow from Paradise Acres to the City's main plant (White Oak) for treatment. This will eliminate one NPDES permit and consolidate efforts to one plant, thereby promoting efficiency in the system.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$241,847.50** and a loan with principal forgiveness in an amount up to **\$725,542.50** to the City of Horseshoe Bend from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$96,739 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of McGehee**

**\$835,116**

**Lift Station Improvements**

Total Project Cost	<b>\$835,116.00</b>	Median Household Income	<b>\$26,722</b>
Loan	<b>\$417,558.00</b>	Low to Moderate Income Percentage	<b>58.03%</b>
Principal Forgiveness	<b>\$417,558.00</b>	Population Served	<b>3,849</b>
Initial RBF	<b>1.07%</b>	County	<b>Desha</b>
Final RBF	<b>1.20%</b>	ARPA Project	<b>No</b>

**Project Description:**

The City of McGehee, Arkansas, has retained A.L. Franks Engineering to evaluate and make recommendations on improvements to the existing wastewater system. The proposed project will include removing and replacing enclosure, valves, pumps, piping, and associated appurtenances at Gum Street Lift Station. Along with removing and replacing enclosure, pumps, piping, and associated appurtenances at Mark Drive, Harold Street, Chickasaw Street, Cantrell Street, Thompson Street, and Ford Place Lift Stations. Project will include rehabbing a total of 7 lift stations. The improvements will occur in the City of McGehee, Arkansas, in Desha County.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$417,558.00** and a loan with principal forgiveness in an amount up to **\$417,558.00** to the City of McGehee from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$83,512 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Pollard**

**\$584,071**

**Wastewater Improvement Project**

Total Project Cost	<b>\$584,071.00</b>	Median Household Income	<b>\$37,087</b>
Loan	<b>\$438,053.25</b>	Low to Moderate Income Percentage	<b>42.86%</b>
Principal Forgiveness	<b>\$146,017.75</b>	Population Served	<b>222</b>
Initial RBF	<b>0.58%</b>	County	<b>Clay</b>
Final RBF	<b>1.68%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

This small town has had a wastewater collection and treatment system in-place since the early 1990's which has seen little-to-no capital improvements since installed. The collection system consists of a STEG (Septic Tank Effluent Gravity) system, who's septic tanks have not been pumped in recent memory. Limited inflow and infiltration repairs are needed. The town's three small lift stations are in need of control and pump replacement. Pollard's wastewater treatment system includes sand filtration followed by chlorine disinfection. This WWTF is out of compliance on a number of effluent limits, including ammonia, and the plant is well past its design life. Pollard has received numerous effluent violations for their treatment system and is now on a Corrective Action Plan (CAP).

The City proposes to make minor I&I improvements to a handful of manholes throughout town. The town's three lift stations are in need of pump and control replacement, which are included in the proposed project. Pollard's primary goal is to replace the sand filtration system with a new non-discharging land application system. The project includes the construction of a non-discharge land application system for the wastewater treatment facility (WWTF). The new treatment facility will include a 120+ day holding lagoon with a sprinkler system which will be used to land apply gray-water during favorable conditions. The project includes the purchase of 40 acres for the construction of both the lagoon and the spray field. By installing such a system, Pollard can alleviate the need for a NPDES permit. By choosing the correct crops in the land application area, ammonia uptake will be provided by plant growth (most likely hay crop).

Other improvements include minor upgrades to the system lift stations, a new forcemain between the City's terminal lift station and the new lagoon, and minor collection system improvements. The City is currently under a Corrective Action Plan due to failing to meet effluent limits.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$438,053.25** and a loan with principal forgiveness in an amount up to **\$146,017.75** to the City of Pollard from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$58,407 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant

to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Jacksonville**

**\$5,966,832**

**2023 WWTP Improvements**

Total Project Cost	<b>\$5,966,832.00</b>	Median Household Income	<b>\$47,704</b>
Loan	<b>\$5,966,832.00</b>	Low to Moderate Income Percentage	<b>55.55%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>29,477</b>
Initial RBF	<b>0.85%</b>	County	<b>Pulaski</b>
Final RBF	<b>0.85%</b>	ARPA Project	<b>No</b>

**Project Description:**

This project will provide several improvements to the existing wastewater treatment facility that are necessary for continued consistent permit compliance. The improvements include replacement of the existing solids dewatering equipment, installation of a supplementary alkalinity feed system, installation of an auxiliary disinfection system utilizing peracetic acid, and the provision of a hoist system to allow safe and efficient maintenance of the WWTP's tertiary filtration system.

The Jacksonville Wastewater Utility (JWU) currently operates a single belt filter press that has exceeded its useful life at over 20 years old. The machine has failed on multiple occasions over the past two years. When the machine fails, repair time is extended due to the lack of spare part availability. JWU does not have a redundant press so machine downtime impacts the WWTP's ability to meet permit. Solids wasting has to be minimized and all WAS sent to antiquated sand drying beds. This project will replace the single belt press with redundant screw presses.

JWU is currently installing aeration improvements to improve the treatment plant's ability to nitrify. On occasion, nitrification is limited by alkalinity rather than oxygen. To provide the necessary ammonia removal during those periods, a supplementary alkalinity feed system will be installed.

JWU's WWTP disinfects with UV. Occasionally during peak flow or periods of low transmissivity, the WWTP does not achieve JWU's internal standard for fecal coliform. UV disinfection is provided in a single channel. JWU does not have its desired level of disinfection redundancy to protect them from a critical system failure. To improve the disinfection system's resiliency and reliability, JWU will install a supplementary PAA feed system. PAA is proven effective when used both alone and in combination with UV disinfection. PAA has been approved for both applications at other facilities in Arkansas.

JWU was not able to include a maintenance hoist for their filter system in their current project due to budgetary limitations. This funding will be used, in part, to provide that necessary equipment.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$5,966,832.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Jacksonville from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$596,683 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Huttig**

**\$4,966,827**

**Sewer System Replacement**

Total Project Cost	<b>\$4,966,827.00</b>	Median Household Income	<b>\$41,456</b>
Loan	<b>\$2,483,413.50</b>	Low to Moderate Income Percentage	<b>55.36%</b>
Principal Forgiveness	<b>\$2,483,413.50</b>	Population Served	<b>448</b>
Initial RBF	<b>0.13%</b>	County	<b>Union</b>
Final RBF	<b>1.55%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

Sewer System Replacement: The majority of the sewer lines in the City of Huttig were placed between 1956 and 1970. These lines are aging, with frequent breaks. The proposed project will replace these lines with new sewer lines. It is also proposed to add an additional aerator and repair the levees at the treatment pond.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$2,483,413.50** and a loan with principal forgiveness in an amount up to **\$2,483,413.50** to the City of Huttig from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$496,683 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.



**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Peryville**

**\$1,184,968**

**Wastewater Treatment Plant Upgrade**

Total Project Cost	<b>\$1,184,968.00</b>	Median Household Income	<b>\$49,042</b>
Loan	<b>\$1,184,968.00</b>	Low to Moderate Income Percentage	<b>54.95%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>1,449</b>
Initial RBF	<b>0.24%</b>	County	<b>Perry</b>
Final RBF	<b>0.49%</b>	ARPA Project	<b>No</b>

**Project Description:**

Perryville is in northeast Perry County and is the County Seat located at the intersection of Highways 9/10, and 60. The Wastewater Treatment Plant is located in the southeast area of Perryville.

The project includes the following:

- a. Install Ultraviolet Disinfection System to replace the chlorine disinfection.
- b. Replace existing Lift Station with new Lift Station with submersible pumps with VFD controls and flow meter.
- c. Install gates between the Biolac Basin and Clarifier.
- d. Install automatic valves for air control in Biolac Basin.
- e. Install auto feed soda ash system.
- f. Install Backup Generator.

Completion of the project will eliminate the thirteen (13) violations for Dissolved Oxygen listed in CAO LIS 20-179

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,184,968.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Peryville from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$118,497 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Arkansas City**

**\$376,000**

**Arkansas City Sewer Improvements (three lagoon levee rehab)**

Total Project Cost	<b>\$376,000.00</b>	Median Household Income	<b>\$34,239</b>
Loan	<b>\$94,000.00</b>	Low to Moderate Income Percentage	<b>40.19%</b>
Principal Forgiveness	<b>\$282,000.00</b>	Population Served	<b>366</b>
Initial RBF	<b>0.60%</b>	County	<b>Desha</b>
Final RBF	<b>1.50%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

Arkansas City's wastewater treatment pond levees have been severely eroded due to wave action. These levees need repair to keep the ponds from failing. There is approximately 4,320 LF of levee to be reconstructed and reinforced with rock revetment to prevent future erosion. If these levees fail it will result in uncontrolled distribution of wastewater in Arkansas City, posing health concerns and environmental hazards. To prevent this, the proposed project will reinforce the lagoons. The 3 lagoons will be drained to allow for the clay embankment to be restored. The embankment will then be reinforced with rip rap. This work will be performed on one lagoon at a time to ensure the maximum possible capacity is available.

The local flooding issues in Arkansas City contribute to the strain on the lagoon levees as well. Those issues will be addressed under a separate project and application.

Requesting funding through IJA principal forgiveness program.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$94,000.00** and a loan with principal forgiveness in an amount up to **\$282,000.00** to the City of Arkansas City from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$37,600 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Corning**

**\$2,562,796**

**Wastewater Collection System Rehabilitation**

Total Project Cost	<b>\$2,562,796.00</b>	Median Household Income	<b>\$27,726</b>
Loan	<b>\$2,562,796.00</b>	Low to Moderate Income Percentage	<b>50.23%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>3,227</b>
Initial RBF	<b>0.95%</b>	County	<b>Clay</b>
Final RBF	<b>1.20%</b>	ARPA Project	<b>No</b>

**Project Description:**

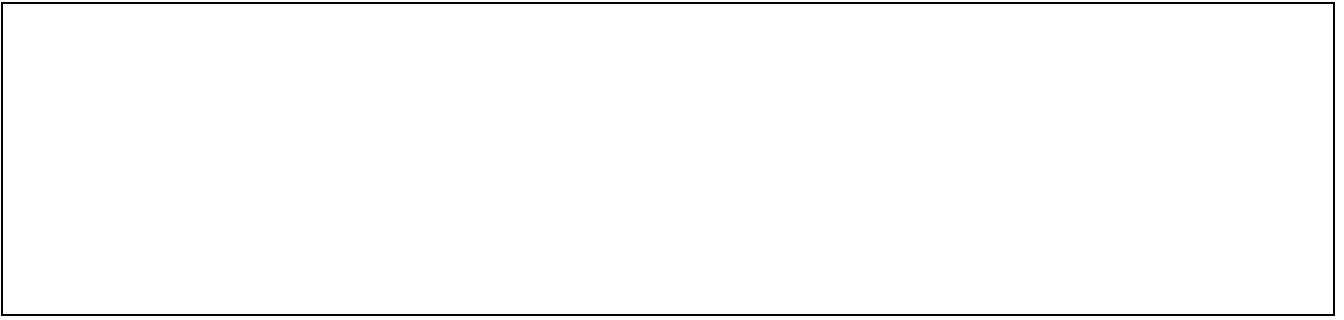
The original wastewater collection system was installed prior to 1977. The original portion of the system was constructed with old clay tile pipe and concrete pipe. All of the manholes in the old portion of the collection system are constructed of brick and mortar. Over the years, the hydrogen sulfide gases in the sewer mains have caused a tremendous amount of deterioration on these old construction materials. Therefore, there is a huge amount of inflow/infiltration in this portion of the collection system. In addition, the old manholes have deteriorated to the point that portions of the walls are missing bricks. In fact, there a few manholes located in the west bound lane of U.S. Highway 62 that are missing several rows of bricks in the upper portions of the manhole. It is a wonder that these have not collapsed under the constant beating from highway traffic. Due to the heavy I/I and holes in the manholes, there are large deposits of debris in the mains and manhole inverts. For this reason, there are numerous sewer backups, causing the city to utilize many manhours on maintenance of the system, including a tremendous amount of overtime.

With this in mind, the city would like to replace portions of the old original collection system. The proposed improvements would include cleaning, televising, and pipe bursting of the old sewer mains the downtown area of the city. Once the new mains have been pulled, the existing sewer services would be connected. In addition to the replacement of the sewer mains in this area, the manholes would also be replaced with new, pre-cast concrete manholes. Pipe bursting is being proposed as the installation method because of the area where the work will occur. There are other utilities present in the area, and the pipe bursting will be far less intrusive. If this work can be performed, the amount of I/I experienced by the system should be significantly reduced.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$2,562,796.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Corning from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$256,280 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.



**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Highland**

**\$2,147,264**

**Highland Wastewater System Improvements**

Total Project Cost	<b>\$2,147,264.00</b>	Median Household Income	<b>\$46,292</b>
Loan	<b>\$2,147,264.00</b>	Low to Moderate Income Percentage	<b>35.00%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>982</b>
Initial RBF	<b>1.00%</b>	County	<b>Sharp</b>
Final RBF	<b>1.26%</b>	ARPA Project	<b>No</b>

**Project Description:**

The city currently has three lift stations, a wastewater treatment facility, and a pressure sewer collection system with 615 individual grinder stations. The existing wastewater treatment facility was constructed in 2005. The treatment facility needs some minor renovations including removal of all sludge from the clarifier section, removal of all sludge and cleaning of the closed loop reactor section, and adjustment of the curtain wall. The existing treatment facility consists of one closed loop reactor and one clarifier. The treatment facility cannot be taken out of operation for maintenance since only one exists. The facility is currently operating near design capacity and additional capacity is needed to allow for growth in the community. A second parallel closed loop reactor and clarifier is needed to provide redundancy for the system and additional capacity.

Highland discharges wastewater under NPDES Permit # AR0050261. The NPDES permit for Highland was renewed in 2021. It has been determined that the discharge stream is a losing stream. Interim Tier 1 permit limits have been issued for Highland. The interim permit limits are good until 2024. After 2024, final Tier 2 permit limits will apply and are more stringent than the previous permit limits and the current Tier 1 permit limits. We anticipate additional capacity will be needed to comply with the new Tier 2 permit limits as the system continues to grow. The facility currently utilizes chlorine for disinfection. The new Tier 2 permit limits require the Total Residual Chlorine (TRC) to be below 0.011 mg/l in the discharge of the wastewater plant. The plant cannot meet current fecal limits and maintain a TRC level of less than 0.011 mg/l. The facility will need to install UV disinfection to meet the low TRC limit imposed by the NPDES permit.

This proposed project consists of the construction of a second closed loop reactor. The second reactor will be 60' diameter with an integral clarifier. The second reactor will have a capacity of 150,000 GPD. The combined capacity of the treatment facility with the existing and proposed reactors will be 300,000 GPD. The proposed project consists of installing a splitter box to split the flow between the two reactors, and a second influent pump station. The proposed project consists of installing a second 15 CY sludge filter and will replace the existing chlorine disinfection system with a new UV disinfection system. The proposed project includes cleaning the existing clarifier and reactor and adjusting the curtain inside the treatment facility. The proposed project also includes the replacement of the suction piping at the existing influent pump station. The facility is currently under a corrective action plan (CAP) with ADEQ for violation of NPDES effluent requirements. The improvements are listed as part of the corrective actions required under the plan.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$2,147,264.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Highland from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$214,726 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**Mt. Top Suburban Improvement District No. 66**

**\$513,842**

**Sewer Improvements**

Total Project Cost	<b>\$513,842.00</b>	Median Household Income	<b>\$45,358</b>
Loan	<b>\$128,460.50</b>	Low to Moderate Income Percentage	<b>40.11%</b>
Principal Forgiveness	<b>\$385,381.50</b>	Population Served	<b>67</b>
Initial RBF	<b>2.41%</b>	County	<b>Garland</b>
Final RBF	<b>3.05%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The WWTP that serves the SID is old and in need of replacement. It is under enforcement order due to the non-compliance issues. The present project is planned to install a new high-capacity plant to serve the SID and about 2.4 miles south along Hwy 7. The SID has been approved for \$1,661,527.00 grant funding for the project. This application is for partial funding of the 25% local match.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$128,460.50** and a loan with principal forgiveness in an amount up to **\$385,381.50** to the Mt. Top Suburban Improvement District No. 66 from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$51,384 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Mountainburg**

**\$1,037,000**

**WWTP Improvements**

Total Project Cost	<b>\$1,037,000.00</b>	Median Household Income	<b>\$54,965</b>
Loan	<b>\$1,037,000.00</b>	Low to Moderate Income Percentage	<b>45.28%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>525</b>
Initial RBF	<b>0.70%</b>	County	<b>Crawford</b>
Final RBF	<b>1.63%</b>	ARPA Project	<b>No</b>

**Project Description:**

The project is to replace and upgrade existing equipment at the wastewater treatment plant that is now 25 and 35 years old. It also includes eliminating the use of chlorine and sulfur dioxide gas for disinfection purposes being replaced with an ultraviolet disinfection system. The scope of the work for the project is attached. Any failure of this aged treatment equipment can result in the wastewater treatment plant not meeting their National Pollutant Discharge Elimination System (NPDES) permit. A polluted discharge into Hicks Creek can cause degradation of the creek, which in turn flows into Big Creek and thence to the White River.

The wastewater treatment plant is located at 537 Hicks Road just south of town. An Environmental Review was submitted January 24, 2023, to the Natural Resources Division for a Categorical Exclusion and was granted on February 1, 2023. This project is being designed/constructed using the Construction Management at Risk (CMAR) construction method. Actual date of starting the bid process will be dependent on the time frame for the Department of Agriculture – Environmental Division – Water Quality (ADEQ) to issue the modified National Pollution Discharge Elimination System Permit (NPDES – required because of the change from chlorine disinfection to ultraviolet disinfection) and for the required Construction Permit.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,037,000.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Mountainburg from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$103,700 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.



**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**Town of Jennette**

**\$854,651**

**Wastewater Collection System Improvements**

Total Project Cost	<b>\$854,651.00</b>	Median Household Income	<b>\$32,931</b>
Loan	<b>\$491,616.50</b>	Low to Moderate Income Percentage	<b>65.38%</b>
Principal Forgiveness	<b>\$363,034.50</b>	Population Served	<b>115</b>
Initial RBF	<b>1.02%</b>	County	<b>Crittenden</b>
Final RBF	<b>4.72%</b>	ARPA Project	<b>No</b>

**Project Description:**

The Town of Jennette operates a wastewater collection system, the main problem associated with the existing wastewater collection system is with two of the pump stations. The original system was installed in 1998, making everything approximately 24 years old. The town has spent a tremendous amount of money over the years trying to operate and maintain the pump stations, from replacing pumps and motors to expenses associated with the electrical components that have gone bad.

In addition to the need to make improvements to the pump stations, there is an area of town that has a few residents using grinder pumps to convey their sewer to the force-main that extends from Pump Station #3. There are also residents in this area that are currently connected to the town's water distribution system but do not have access to the town's sewer system. The installation of some gravity lines and a new lift station in this area would address both needs. It would also reduce the distance that Pump Station #3 is currently required to pump to get the wastewater to Pump Station #1.

The proposed project will include the installation of two wastewater lift stations, the installation of approximately 2,000 linear feet of gravity sewer main, the rehabilitation of one wastewater pump station, and seven new wastewater service connections. The proposed project is located in the middle and southern portions of the town.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$491,616.50** and a loan with principal forgiveness in an amount up to **\$363,034.50** to the Town of Jennette from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$85,465 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Stuttgart**

**\$7,911,332**

**Wastewater Facility Improvements**

Total Project Cost	<b>\$7,911,332.00</b>	Median Household Income	<b>\$44,744</b>
Loan	<b>\$7,911,332.00</b>	Low to Moderate Income Percentage	<b>44.26%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>8,617</b>
Initial RBF	<b>0.60%</b>	County	<b>Arkansas</b>
Final RBF	<b>0.91%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The existing wastewater treatment facility has been in service for over 30 years and has reached the end of its useful life. Additional future nutrient parameters will cause increased difficulty in meeting permits limits as the agricultural industries process water containing elevated nutrient loading. Current treatment steps are centered around primary clarification and attached growth biological processes. Future nutrient requirements and current ability to meet permit limits indicate that a suspended growth biological reactor should be installed for biological nutrient removal and BOD/TSS reduction.

Presently, Stuttgart is under a Consent Administrative Order with the Arkansas Division of Environmental Quality, CAO LIS 21-035. Stuttgart's consulting engineer, PMI, has prepared and received approval of a Corrective Action Plan detailing necessary steps to regain compliance with current limits and future nutrient limits.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$7,911,332.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Stuttgart from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$791,133 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Keiser**

**\$4,609,140**

**Wastewater Collection System Improvements**

Total Project Cost	<b>\$4,609,140.00</b>	Median Household Income	<b>\$29,797</b>
Loan	<b>\$4,609,140.00</b>	Low to Moderate Income Percentage	<b>39.17%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>751</b>
Initial RBF	<b>0.37%</b>	County	<b>Mississippi</b>
Final RBF	<b>2.66%</b>	ARPA Project	<b>No</b>

**Project Description:**

The City of Keiser's original system was installed in 1973, making everything approximately 50 years old. The existing wastewater collection system experiences large fluctuations in flow during rainfall events which overloads the existing sewer lift stations. This results in the system being surcharged and many of the residents are unable to flush their toilets and have had sewer backup into bathtubs during these events. In addition, the wastewater treatment facility is also overloaded during the large rainfall events, and this has caused discharge permit excursions in the past. The large amounts of storm water are entering the wastewater collection system at various locations due to the materials of construction and their age. The majority of the existing sewer mains in the system are clay pipe and most of the manholes are constructed of brick and mortar.

The proposed project will consist of rehabilitation of the city's wastewater collection system. The initial phase of work for the project would be to clean and televise the existing wastewater collection system in order to develop a scope of work for the complete rehabilitation of the system. The anticipated scope of work would include replacing existing gravity sewer mains by pipe bursting, rehabilitating existing sewer manholes, and rehabilitating the existing sewer lift stations. The proposed project location would be all areas of the city currently served by the wastewater collection system.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$4,609,140.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Keiser from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$460,914 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**Central Arkansas Water for Wrightsville**

**\$15,893,000**

**Wastewater Collection & Treatment**

Total Project Cost	<b>\$15,893,000.00</b>	Median Household Income	<b>\$25,318</b>
Loan	<b>\$15,893,000.00</b>	Low to Moderate Income Percentage	<b>62.09%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>3,499</b>
Initial RBF	<b>0.81%</b>	County	<b>Pulaski</b>
Final RBF	<b>8.42%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

A wastewater system purchase agreement between the City of Wrightsville and Central Arkansas Water (CAW) went into effect on September 16, 2022. The Agreement states that beginning on April 1, 2023, CAW may take ownership of the City's wastewater collection and treatment system. To evaluate the existing infrastructure's condition and provide recommendations for improvement, Hawkins-Weir Engineers, Inc. was hired. The study performed identified necessary short-term improvements for the collection system, pump stations, and the treatment facility. Potential long-term improvements were identified in the study. This funding application is for the implementation of the short-term improvements. This funding will supplement a previously awarded ARPA grant. SSOs will be reduced by these changes, which will also address NPDES permit non-compliance issues identified by CAO LIS 22-104.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$15,893,000.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the Central Arkansas Water for Wrightsville from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$1,589,300 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Lake City**

**\$1,373,910**

**Wastewater System Improvements**

Total Project Cost	<b>\$1,373,910.00</b>	Median Household Income	<b>\$47,887</b>
Loan	<b>\$1,373,910.00</b>	Low to Moderate Income Percentage	<b>48.44%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>2,326</b>
Initial RBF	<b>0.39%</b>	County	<b>Craighead</b>
Final RBF	<b>1.03%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The City of Lake City operates a municipal wastewater system that serves the entire city. The existing WWTF has reached its design lift and is hydraulically and biologically overloaded. The facility has been under a Consent Administrative Order (CAO) since 2017. Because of the age of the WWTF and the loading of the facility, it simply is unable to meet the limits of its NPDES discharge permit. The only way to bring the facility back into compliance is by increasing the capacity of the facility and making other upgrades.

The city retained Civil Engineering Associates, LLC, (CEA) in 2017, to work with them on the development of a wastewater system improvements project. CEA prepared a funding application and submitted it to USDA-Rural Development. Funding for the project was secured from USDA-RD in 2018, in the amount of \$2,375,000, in the form of a loan. The proposed improvements were subsequently designed, submitted to all of the necessary review agencies for approval, and advertised for bids. The proposed improvements will include the construction of a new headworks system, for screening and grit removal, the construction of a new SBR treatment unit (sized to handle current wastewater flows plus an expected 20-year growth), the installation of a new UV disinfection unit, and the removal of the sludge from the existing sludge holding lagoon. The bid opening for the proposed improvements was held in June 2021. Based on the low bid that was received for the work, there was not enough available funding to proceed with the project. The city has been working ever since trying to secure additional funding to be able to complete the proposed project.

The City has had to request several time extensions from ADEQ on the CAO to allow the time that it has taken to secure the additional funds. The city re-advertised the project for bids, and the bid letting was held on Tuesday, February 7, 2023. This funding request is being made based on the difference between the current prices for the proposed project and the original amount of funding that was obtained from the USDA-RD.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,373,910.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Lake City from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$137,391 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant

to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Little Rock, Little Rock Water Reclamation Authority**

**\$65,000,000**

**Collection System & Facility Asset Renewal Projects 2024-2026**

Total Project Cost	<b>\$65,000,000.00</b>	Median Household Income	<b>\$51,687</b>
Loan	<b>\$65,000,000.00</b>	Low to Moderate Income Percentage	<b>43.20%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>201,998</b>
Initial RBF	<b>0.00%</b>	County	<b>Pulaski</b>
Final RBF	<b>*%</b>	ARPA Project	<b>No</b>

**Project Description:**

These funds will help to support various Collection System and Facility Asset Renewal projects throughout the City of Little Rock during the period of 2024 to 2026 including but not limited to:

1. Sewer Repairs Lines >18"
2. Trenchless Sewer Line Renewal
3. Sewer Repairs Lines >18"
4. Trenchless Sewer Line Renewal
5. Needed Collection System Projects
6. ARDOT Pleasant Ridge to Taylor Loop
7. New Mega Site Port Pump Station
8. Two Rivers Park Pump Station
9. Candlewood PS Upgrades
10. Longfellow PS Rehab
11. LMPS Bar Screen Rehabilitation
12. AFWTF Water Reuse Loop
13. Peak Flow Concrete Rehabilitation
14. Digester Dome Repair - Primary Digesters (6)
15. LMWRF - Sludge Dewatering
16. FCWRF – Biogas Power Study
17. FCWTF Sludge Transfer Line Replacement
18. FCWTF Thickener Tower Upgrades
19. FCWTF Thickening / Dewatering Equipment
20. FCWTF Biosolids Optimization

21. FCWTF Replace Two Remaining Root Blowers
22. AFWRF #1 Blower and Controls
23. FCWRF Blower Building Hoist Installation
24. FCWRF Finals Concrete & Chain / Flight Replacement
25. FCWRF Recycle Station Rehab
26. LMWRF Basin Gate Replacement
27. FCWRF Expansion for Port / Nutrient Removal
28. AWWRF Bio Tower Media Replacement
29. FCWRF Replace Existing Fine Diffusers
30. LMWRF Blowers Replacement (3)

Recommendation:

Recommend the Commission approve a loan in an amount up to **\$65,000,000.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Little Rock, Little Rock Water Reclamation Authority from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$6,500,000 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.



**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Mineral Springs**

**\$1,286,295**

**Wastewater System Improvements**

Total Project Cost	<b>\$1,286,295.00</b>	Median Household Income	<b>\$34,722</b>
Loan	<b>\$1,286,295.00</b>	Low to Moderate Income Percentage	<b>37.61%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>500</b>
Initial RBF	<b>0.77%</b>	County	<b>Howard</b>
Final RBF	<b>1.20%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The City of Mineral Springs, Arkansas, has retained A.L. Franks Engineering to evaluate and make recommendations on improvements to the existing wastewater system. The City of Mineral Springs is proposing to replace the existing wastewater collection system with approximately 45,372 feet of 8-inch sewer mains, 9,750 feet of 10-inch sewer mains, 156 manholes and associated appurtenances.

This project was awarded with the ARPA Funding. This requested ANRC money will be for the match of the project.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,286,295.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Mineral Springs from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$128,630 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Arkadelphia**

**\$1,917,030**

**Wastewater Ouachita Pump Station and Force Main replacement**

Total Project Cost	<b>\$1,917,030.00</b>	Median Household Income	<b>\$32,498</b>
Loan	<b>\$1,917,030.00</b>	Low to Moderate Income Percentage	<b>51.48%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>10,380</b>
Initial RBF	<b>0.61%</b>	County	<b>Clark</b>
Final RBF	<b>0.81%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The existing Ouachita Pump Station (PS) and Force Main (FM) are located east of Interstate 30 and west of the Ouachita River. The FM generally runs north to south adjacent to the river beginning west of Ouachita Baptist University's (OBU) campus and ending at Caddo Street. The 14-inch diameter concrete lined ductile iron FM conveys raw unscreened sewage from the Ouachita PS to Caddo Street. The FM transitions to gravity flow at Caddo Street via a 24-inch gravity line running from Caddo Street to the Southwest Pump Station. The PS and FM, originally constructed in 1969, are critical backbones to the collection and conveyance system. The PS and FM convey approximately 540,000 gallons of raw sewage per day from over 1,600 customers served with this conveyance system.

The PS and FM have been in service for 53 years with many components at the end of their useful life. Excessive rust is visible on the piping in the drywell and severe vibration occurs during pump operation. The station does not meet current code requirements for manned access in the wetwell or drywell and the wetwell is completely inaccessible. The electrical components are located in an inadequately ventilated space and is not in compliance with current electric code. The pump control panel is completely out of date and severely rusted.

The concrete liner in the FM has failed and is no longer present in most of the pipeline. The missing liner has caused several leaks to be present along the FM and is a major indication the pipeline has reached the end of its useful life. In addition, severe erosion has occurred resulting in loss of riverbank (land) with the top of the bank line encroaching on the pipeline since its construction. The erosion has caused sections of the FM to shift or settle towards the river. As a result, the structural integrity of the FM has been compromised. Visibly exposed sections of the FM can be seen from the river and at least one previous failure has occurred from the FM washing out of the bank due to erosion. A portion of the FM was repaired approximately 12 years ago as part of a FEMA project after a major rain event involving 7" of rainfall over a 12-hour period. This rain event washed a section of the west bank out causing a failure of the FM. The erosion will continue if action is not taken. The structural stability of the FM can no longer be guaranteed. Failure of one or both critical assets in the collection system present a huge liability for the City.

Failure of the PS and/or FM will likely occur in the event settlement exceeds allowable deflection in the structure, pipe, and fittings. As erosion continues or during a period of abnormal weather causing land slide conditions, the FM could fall into the river. The scenario of landslide would likely occur during a period of heavy rain when the reliance of the conveyance system is needed most. Or a failure with one or more of the pumps/controls/electrical components in the PS.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,917,030.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Arkadelphia from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$191,703 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Bryant**

**\$1,500,000**

**Lea Circle Parallel Gravity Sewer Relocate and Capacity Increase**

Total Project Cost	<b>\$1,500,000.00</b>	Median Household Income	<b>\$67,951</b>
Loan	<b>\$1,500,000.00</b>	Low to Moderate Income Percentage	<b>26.22%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>20,399</b>
Initial RBF	<b>0.68%</b>	County	<b>Saline</b>
Final RBF	<b>0.91%</b>	ARPA Project	<b>No</b>

**Project Description:**

This project will be relocating the current 24" gravity sewer line that flows from West Lea Circle in Bryant down South Lea Circle. This trunk line carries the sewer to the wastewater treatment plant. The current line has a grade of .02% and a capacity of 1.59 MGD at 100% utilization. Our current models show that the wet weather peak flow through this line is 1.76 MGD which puts our wet weather utilization on 111%. This line will be relocated to a .1% grade. This increases the capacity of this line to 4.18 MGD at 90% capacity This line will stay 24", and the line entering the plant will remain the same. Recent survey shots of pipe along South Lea Circle shows that several gravity mains do not meet minimum recommended slopes, and some indicate to "flow backwards". This makes the manholes in the low section of S. Lea Circle susceptible to SSO's and air pockets. This project will prevent sewage overflows that could lead to potentially dangerous runoff into homes, city streets, and all surrounding establishments. The lines currently modeled during wet weather events present many potentially concerning factors such as health risks, environmental damage, and surrounding property damage due to SSO's. This pipe is critical, and it is the primary collection point from the west and northwest basins, BR-02 and BR-5. This line being at full capacity inhibits potential future growth throughout the city. A water Plan Compliance Exemption Request was submitted on November 1, 2022. We received a recommendation letter from WWAS on November 29, 2022. The Arkansas Department of Health request we provide a finalized set of plans, which will be submitted before any construction commences. This project is at 60% design and U.P. railroad underground utility crossing permit application has been completed and awaiting approval. South Lea Circle is a part of the Upper Saline County Watershed.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,500,000.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Bryant from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$150,000 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Diamond City**

**\$2,274,360**

**Diamond City Wastewater collection System Rehab and Improvements**

Total Project Cost	<b>\$2,274,360.00</b>	Median Household Income	<b>\$29,236</b>
Loan	<b>\$2,274,360.00</b>	Low to Moderate Income Percentage	<b>53.30%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>757</b>
Initial RBF	<b>1.23%</b>	County	<b>Boone</b>
Final RBF	<b>4.48%</b>	ARPA Project	<b>No</b>

**Project Description:**

This project is in the city of Diamond City in Boone County, Arkansas. Diamond City is located at the north end of Arkansas Highway 7 and is surrounded to the north, east and west by Bull Shoals Lake. The project will be constructed within the existing service area of Diamond City.

Diamond City has a sewer collection system that is nearly 40 years old and needs rehabilitation and improvements to allow for the safe and reliable conveyance of wastewater. Diamond City owns and operates several miles of sanitary sewer and force main that is treated at the Sugarloaf Wastewater Treatment Plant. Diamond City has a collection system that consists mostly of force main with 15 Lift Stations that all have failing pumps. All the lift stations have bypass pumping but only one pump is operational in each. Four of the lift stations serve as their main lift stations that pump sewage to the city's wastewater treatment plant. Improvements to the lift stations include new primary and back-up pumps, protective coatings, replace railing and lid and installation of cyber security improvements such as SCADA and cameras for monitoring and protection. Bypass pumping will be required while the lift stations are being rehabilitated and service is not interrupted for the city.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$2,274,360.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Diamond City from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$227,436 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Glenwood**

**\$4,383,515**

**Wastewater Treatment Facility Improvements**

Total Project Cost	<b>\$4,383,515.00</b>	Median Household Income	<b>\$30,044</b>
Loan	<b>\$4,383,515.00</b>	Low to Moderate Income Percentage	<b>47.30%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>2,000</b>
Initial RBF	<b>1.61%</b>	County	<b>Pike</b>
Final RBF	<b>3.94%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The City of Glenwood proposes upgrades to the existing Glenwood wastewater system. The proposed project will include replacing existing sewer lines with 27,800 feet of 8-inch sewer main and 4,500 feet of 10-inch sewer main and manholes. This project is proposed due to high amounts of infiltration and inflow that the collection system is experiencing.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$4,383,515.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Glenwood from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$438,352 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Searcy**

**\$1,100,000**

**Searcy Unsewered Areas Improvements**

Total Project Cost	<b>\$1,100,000.00</b>	Median Household Income	<b>\$40,236</b>
Loan	<b>\$1,100,000.00</b>	Low to Moderate Income Percentage	<b>40.09%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>22,937</b>
Initial RBF	<b>0.73%</b>	County	<b>White</b>
Final RBF	<b>0.73%</b>	ARPA Project	<b>No</b>

**Project Description:**

This proposal seeks funds for a project to extend Searcy's wastewater collection system into some of these areas that are currently unsewered so that potential and actual negative health and environmental effects can be eliminated.

There are four (4) locations of the proposed sewer extensions.

- 1) Ferren Trails
- 2) Greer Dr.
- 3) Westgate
- 4) LaPlaza Acres

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,100,000.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Searcy from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$110,000 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Tollette**

**\$4,335,213**

**Wastewater Improvements - I/I**

Total Project Cost	<b>\$4,335,213.00</b>	Median Household Income	<b>\$39,454</b>
Loan	<b>\$4,335,213.00</b>	Low to Moderate Income Percentage	<b>44.62%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>185</b>
Initial RBF	<b>0.59%</b>	County	<b>Howard</b>
Final RBF	<b>2.41%</b>	ARPA Project	<b>No</b>

**Project Description:**

The city proposes to replace the sewer main and manholes within the city. Due to the age of the system, the system is having Inflow and Infiltration (I&I) causing problems at the WWTP.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$4,335,213.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Tollette from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$433,521 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.



**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Lake Village**

**\$3,828,996**

**Wastewater System Improvements**

Total Project Cost	<b>\$3,828,996.00</b>	Median Household Income	<b>\$32,093</b>
Loan	<b>\$3,828,996.00</b>	Low to Moderate Income Percentage	<b>47.83%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>1,357</b>
Initial RBF	<b>0.60%</b>	County	<b>Chicot</b>
Final RBF	<b>1.34%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

Lake Village is located in Chicot County approximately 125 miles southeast of Little Rock. The City operates a municipal wastewater treatment plant located at 154 Highway 82 West in the City. It discharges treated wastewater to Little Lake Bayou, a tributary of the Ouachita River.

Lake Village experienced permit violations beginning in 2019. Early in 2019, a Love's Gas Station was constructed near the treatment facility. As part of the utility construction sanitary manholes were relocated. During the construction severe rainfall induced I&I was experienced at the plant. This caused washouts of the oxidation ditch biological mass. This was the beginning of the non-compliance issues. After the completion of the construction, the treatment facility continued to experience issues developing viable activated sludge growth in the oxidation ditch. Numerous methods were attempted, including analysis and addition of microorganisms by a third party. The activated sludge would not recover. At this point the plant operator began probing the oxidation ditch and determined that approximately 3' dead sludge had built-up in the basin. The dead sludge harbors midge fly's and tubifex worms that likely inhibit the growth of desirable microorganisms. The primary issue the treatment facility faces is re-developing the activated sludge in the oxidation ditch. To accomplish this the oxidation ditch must be cleaned of all accumulated sludge and re-seeded.

We propose to clean the oxidation ditch and land apply the biosolids on the adjacent city owned field to the north. A land application permit and waste management plan has been submitted and received. Subsequently ADEQ determined 41 discharge limitation violations during review of the DMRs. The review of the DMRs also revealed that the treatment plant experienced flow higher than the design flow for most of the review periods. Lake Village submitted a Corrective Action Plan to ADEQ which was approved. ADEQ issued a consent Administrative Order to Lake Village on March 16, 2022, to complete, (1) Removal of the sediment and sludge deposit in the oxidation ditch and land application of the sediment and sludge in accordance with the land application permit obtained on July 25, 2021, and (2) Perform a comprehensive Flow Monitoring and Infiltration and Inflow Study (I/I Study) of the wastewater collection system. Prepare a plan to reduce the infiltration and inflow reported in the study.

LV operates and maintains 9 Sewer Lift Stations. Except for one relatively new lift station, they are very old and at the end of their functional life and are in constant state of malfunction. Mechanical failures are common. Pump controls are obsolete and are inefficient. Power use is excessive and as such the utility experiences large power bills. A study was performed to analyze and ultimately upgrade and modernize all the lift stations. The report recommended upgrading all pump stations except one.

Recommendation:

Recommend the Commission approve a loan in an amount up to **\$3,828,996.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Lake Village from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$382,900 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**Runyan Acres Sanitary SID #211**

**\$776,000**

**Runyan Acres WWTP Improvements**

Total Project Cost	<b>\$776,000.00</b>	Median Household Income	<b>\$51,590</b>
Loan	<b>\$776,000.00</b>	Low to Moderate Income Percentage	<b>44.38%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>1,549</b>
Initial RBF	<b>1.00%</b>	County	<b>Pulaski</b>
Final RBF	<b>1.46%</b>	ARPA Project	<b>No</b>

**Project Description:**

Runyan Acres Sewer Improvement District (SID) 211 serves an incorporated area north of Sherwood and west of Gravel Ridge and Jacksonville. Runyan Acres is approximately 15 miles north of Little Rock, AR, and 9 miles west of Jacksonville, AR.

The wastewater treatment plant is out of compliance of its National Pollutant Discharge Elimination System (NPDES) permit limitations. In the period from August 31, 2018, to August 31, 2021, Runyan Acres has 90 effluent violations including 40 fecal coliform exceedances, 22 dissolved oxygen violations, 14 pH violations, 13 total suspended solids exceedances, and 1 nitrogen exceedance.

The existing aeration basin and clarifier has experienced extensive deterioration and erosion. The Biolac activated sludge basin is creating enough water movement to go underneath the concrete apron and erode the clay bank. The erosion is causing the concrete to become unstable and break off into the sludge basin in numerous places and expose the clay bank to further erosion. The clarifier is full of algae which is leading to algae sloughing off into the weir and trough of the clarifier.

Items for Section VIII - Project Categories: Of this project, \$230,000 is budgeted for the new SCADA Monitoring System as part of the project's Cyber Security components. The SCADA system will provide system-wide monitoring and partial control of the wastewater treatment plant.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$776,000.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the Runyan Acres Sanitary SID #211 from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$77,600 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Decatur**

**\$11,500,000**

**WWTP Headworks Expansion**

Total Project Cost	<b>\$11,500,000.00</b>	Median Household Income	<b>\$42,398</b>
Loan	<b>\$11,500,000.00</b>	Low to Moderate Income Percentage	<b>56.89%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>8,165</b>
Initial RBF	<b>0.51%</b>	County	<b>Benton</b>
Final RBF	<b>0.54%</b>	ARPA Project	<b>No</b>

**Project Description:**

Improvements to Equalization Pumping will improve the ability of the facility to process raw wastewater stored in the EQ basin when capacity becomes available. Restoring equalization volume quickly has been an issue for the facility. Numerous updates to the SCADA Software will improve cybersecurity and allow for greater physical security at the facility. Issues with the exiting headworks and equalization have been a factor in three complaints to ADEQ and EPA Region 6 and two ADEQ inspection reports since April of 2018. There have been many overflows resulting from inadequate and malfunctioning screening. The Proposed Funding Amount includes the cost of a Master Plan to evaluate and plan future expansion

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$11,500,000.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Decatur from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$1,150,000 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Greenland**

**\$750,000**

**Wastewater system improvements - Replacement and expansion of one lift station and replacing force main.**

Total Project Cost	<b>\$750,000.00</b>	Median Household Income	<b>\$60,503</b>
Loan	<b>\$750,000.00</b>	Low to Moderate Income Percentage	<b>37.79%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>1,259</b>
Initial RBF	<b>1.13%</b>	County	<b>Washington</b>
Final RBF	<b>1.44%</b>	ARPA Project	<b>No</b>

**Project Description:**

The City of Greenland, located in Washington County in Northwest Arkansas, collects sewage from its customers through a network of gravity mains and utilizes two lift stations to convey sewage to the City of Fayetteville’s Noland treatment facility for regional treatment and discharge. The existing collection system and lift stations are 20 to 40 years old and are approaching or exceeding the end of their useful life. In addition, the existing lift stations and force mains are nearing capacity, especially during wet weather flows. Lift Station 18 (LS18) is located east of the Greenland School District near N. Sandy Ave and was installed circa 1977. All of Greenland’s wastewater is pumped from LS18 approximately 5,600 feet via an 8-inch force main to a 10-inch gravity line located near the intersection of U.S. Highway 71 and Roadrunner Lane. The 10-inch gravity line flows to Lift Station 16 (LS16) located between W. Ernest Lancaster Drive and S. McCollum Ave. northeast of Fayetteville’s Drake Field Airport. A 12-inch force main pumps wastewater from LS16 to a 12-inch gravity line located southwest of the Fulbright Expressway and S. School Ave. (U.S. Highway 71) interchange. Wastewater continues through gravity flow to Fayetteville's Noland treatment facility. The proposed project includes replacing existing lift station 18 (LS18) and corresponding force main. A new, larger wastewater lift station, approximately 6,200 feet of force main and approximately 5,300 feet of gravity main are required.

The project will continue a regionalized system of collection and treatment. In addition, the proposed project includes a new supervisory control and data acquisition (SCADA) system that will allow the City of Fayetteville and its wastewater facilities management contractor (Jacobs Engineering) to actively monitor the new lift station in real time. A backup on-site natural gas generator will be installed as part of the proposed project to ensure continued operations during power outages. The proposed project also includes security fencing around the entire lift station site. These efforts will address cyber and general security issues and concerns.

The project was approved for funding with a loan in an amount up to \$2,192,866 and a loan with principal forgiveness in an amount up to \$1,617,434 from the AR Clean Water State Revolving Loan Fund program in 2021. Recent flow monitoring revealed the need for a larger lift station and force main than originally designed. An increased cost in construction materials and labor have also led to the need for additional funding to complete the project. In August 2022, the Arkansas Natural Resources Commission approved a request for an additional \$735,700 for the project.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$750,000.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Greenland from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$75,000 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Crossett**

**\$3,000,000**

**Wastewater collection system upgrades**

Total Project Cost	<b>\$13,307,727.00</b>	Median Household Income	<b>\$31,476</b>
Loan	<b>\$3,000,000.00</b>	Low to Moderate Income Percentage	<b>52.13%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>4,822</b>
Initial RBF	<b>0.59%</b>	County	<b>Ashley</b>
Final RBF	<b>0.60%</b>	ARPA Project	<b>No</b>

**Project Description:**

The existing sewer pipes in the industrial park are narrow in diameter, restricting capacity. Our community has prioritized addressing the vital infrastructure need by passing a \$7 million ballot initiative to fund this project. To further ensure the success of the project and to maximize the taxpayer’s dollar, the City of Crossett applied for and was graciously awarded a \$1.4 million US Economic Development Agency grant. With the project funded, core project teams assimilated to move the project forward by obtaining legal counsel, completing the preliminary engineering report, acquiring the easements and we now sit poised nearly to bid. Unfortunately, between the time of the bond issue passing and the current stage of the project, the costs have greatly risen, putting the project at risk.

The City of Crossett is committed to maximizing the efficiencies and impact of the project by addressing other significant outstanding wastewater concerns as we tackle this infrastructure project, this request is for additional funding for a previously approved project.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$3,000,000.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Crossett from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$300,000 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**CWSRF FUNDED- RECOMMENDED FOR AWARD**

**Conway Corporation**

**\$9,942,800**

**Roger Q Mills Water Treatment Plant Expansion**

Total Project Cost	<b>\$9,942,800.00</b>	Median Household Income	<b>\$47,397</b>
Loan	<b>\$2,485,700.00</b>	Low to Moderate Income Percentage	<b>43.53%</b>
Principal Forgiveness	<b>\$7,457,100.00</b>	Population Served	<b>65,121</b>
Initial RBF	<b>0.73%</b>	County	<b>Faulkner</b>
Final RBF	<b>1.84%</b>	ARPA Project	<b>No</b>

**Project Description:**

The Conway, Arkansas water system, operated by Conway Corporation, utilizes Brewer Lake as a source of drinking water for people living in and near Conway, Arkansas.

Project is necessary to treat cyanotoxins, an emerging contaminant under EPA Contaminant Candidate List 5, found in Brewer Lake. Currently, treatment of cyanotoxins has been accomplished through an external activated carbon feed system at the Brewer Lake intake. Funding is requested to incorporate an activated carbon treatment process into expansion of the Roger Q. Mills Jr. Water Treatment Plant so that we may more effectively treat the cyanotoxins, specifically microcystins and cylindrospermopsin, found in testing by ADEQ and through Conway Corp's regular monitoring program conducted by UCA.

This project will be integrated with SCADA monitoring and billing through AMI meter infrastructure, which Conway Corporation already utilizes. Conway Corporation maintains a staff of two cybersecurity professionals who utilize cutting edge technology, in addition to a staff of approximately 30 tech professionals. The daily monitoring of water-use will be leveraged against the contract surcharge amount to realize the best value for the customers.

Brewer Lake is a relatively shallow lake that receives runoff from a watershed that contains both forested and agricultural areas, making it vulnerable to cyanobacterial blooms that can impart cyanotoxins into the water. Samples taken by ADEQ during blooms have detected mycrocystins in the lake water at levels higher than the EPA Health Advisory level for treated drinking water. ,

The 8 MGD water treatment plant expansion facilitates regionalization through a merger with the Beaverfork PWA.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$2,485,700.00** and a loan with principal forgiveness in an amount up to **\$7,457,100.00** to the Conway Corporation from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$994,280 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant



to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Brinkley**

**\$1,224,613**

**Waterplant Rehabilitation**

Total Project Cost	<b>\$4,989,451.00</b>	Median Household Income	<b>\$32,857</b>
Loan	<b>\$306,153.25</b>	Low to Moderate Income Percentage	<b>55.59%</b>
Principal Forgiveness	<b>\$918,459.75</b>	Population Served	<b>1,540</b>
Initial RBF	<b>1.08%</b>	County	<b>Monroe</b>
Final RBF	<b>1.52%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

PMI performed an onsite equipment, process, and jar testing the week of December 13, 2021. Based on the study results, replacement of the aluminum induced draft aerator, solids contact clarifier equipment, gravity filter underdrain and media, chemical feed system, and effluent pumps will be required. Instrumentation and controls are from the original build and very outdated. New instrumentation and controls, including cyber security measures.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$306,153.25** and a loan with principal forgiveness in an amount up to **\$918,459.75** to the City of Brinkley from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$122,461 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Joiner**

**\$1,486,721**

**Water System Improvements**

Total Project Cost	<b>\$6,486,721.00</b>	Median Household Income	<b>\$21,800</b>
Loan	<b>\$371,680.25</b>	Low to Moderate Income Percentage	<b>61.00%</b>
Principal Forgiveness	<b>\$1,115,040.75</b>	Population Served	<b>278</b>
Initial RBF	<b>1.57%</b>	County	<b>Mississippi</b>
Final RBF	<b>2.07%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

There needs to be an interconnection between the Joiner distribution system and the Bassett distribution system. The city would like to install an induced draft aerator and contact basin before the existing filter. High service pumps will need to be installed. The City would also like to replace asbestos-cement piping, drive by read meters, develop a second water supply well, construct a second water treatment facility, and construct a new 500,000-gallon elevated water storage tank.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$371,680.25** and a loan with principal forgiveness in an amount up to **\$1,115,040.75** to the City of Joiner from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$148,672 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Cushman**

**\$2,274,988**

**Water System Improvements**

Total Project Cost	<b>\$2,274,988.00</b>	Median Household Income	<b>\$35,412</b>
Loan	<b>\$568,747.00</b>	Low to Moderate Income Percentage	<b>41.25%</b>
Principal Forgiveness	<b>\$1,706,241.00</b>	Population Served	<b>1,200</b>
Initial RBF	<b>2.24%</b>	County	<b>Independence</b>
Final RBF	<b>2.24%</b>	ARPA Project	<b>No</b>

**Project Description:**

This project will replace the service lines from the main to the meters. The existing elevated storage tank paint system is currently failing. This tank needs cleaning and painting of the interior and exterior of the tank to preserve the integrity of the steel structure and insure many more years of continued service.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$568,747.00** and a loan with principal forgiveness in an amount up to **\$1,706,241.00** to the City of Cushman from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$227,499 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Batesville**

**\$110,000,000**

**Batesville Water Treatment Plant Improvements**

Total Project Cost	<b>\$110,000,000.00</b>	Median Household Income	<b>\$48,031</b>
Loan	<b>\$110,000,000.00</b>	Low to Moderate Income Percentage	<b>40.43%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>4,905</b>
Initial RBF	<b>0.46%</b>	County	<b>Independence</b>
Final RBF	<b>0.93%</b>	ARPA Project	<b>No</b>

**Project Description:**

The project includes the design and construction of improvements to the WTP for the City of Batesville.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$110,000,000.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Batesville from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$11,000,000 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Montgomery County Regional PWA**

**\$1,504,970**

**Water plant Rehabilitation & Expansion**

Total Project Cost	<b>\$3,123,543.00</b>	Median Household Income	<b>\$38,254</b>
Loan	<b>\$1,504,970.00</b>	Low to Moderate Income Percentage	<b>39.54%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>1,176</b>
Initial RBF	<b>0.53%</b>	County	<b>Montgomery</b>
Final RBF	<b>0.68%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The Montgomery County Regional Public Water Authority (MCRPWA) operates a surface water treatment facility in Mnt. Ida, AR. The facility is rated for 1.2 MGD and serves the towns of Oden, Pencil Bluff and Mnt. Ida. The facility gets raw water from an 85-acre lake, Cedar Creek Reservoir located west of the plant. The plant uses a Trident branded package to serve as flocculation, clarification and treatment of the raw water source. During and after rain events, the plants raw water turbidity increases an average of 300-400%. This rapid change causes issues with the existing Trident plant and the facility uses chemical addition prior to the treatment process to reduce THM's and reduce turbidity.

In the summer of 2022, the underdrain of the existing Trident equipment failed and collapsed. The facility was forced to bypass the treatment plant and all those served were under boil orders for several months. The drain has been repaired and the plant is back in operation at the present time. The Health Department has written a letter to the system stating that they must install at least a second treatment train and have it in operation no later than 12/31/2025.

The proposed project is to construct a new tube settler plant that addresses all of the issues that plague the existing plant. The proposed unit will be a two-train system that will give the plant the ability to increase its production capacity when it grows. The new unit is capable of handing the large swing and spike of turbidity that is seen in the raw water source.

MCRPWA applied for an ARPA grant in November of 2022 and was awarded a 75% grant. This application is for a loan to cover the portion of the project that remains over and above the ARPA grant received. Amount includes the 25% owner portion as well as a 30% cost of equipment increase that was occurred between the ARPA application in 2022 and the updated budget received in March 2023.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,504,970.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the Montgomery County Regional PWA from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$150,497 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant

to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Town of Big Flat**

**\$3,858,940**

**Water System Rehabilitation**

Total Project Cost	<b>\$3,858,940.00</b>	Median Household Income	<b>\$50,703</b>
Loan	<b>\$964,735.00</b>	Low to Moderate Income Percentage	<b>25.00%</b>
Principal Forgiveness	<b>\$2,894,205.00</b>	Population Served	<b>212</b>
Initial RBF	<b>0.94%</b>	County	<b>Baxter</b>
Final RBF	<b>1.44%</b>	ARPA Project	<b>No</b>

**Project Description:**

The project would consist of water system improvements to Big Flats distribution system. Cyber security will also be included in the form of SCADA and security video recording.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$964,735.00** and a loan with principal forgiveness in an amount up to **\$2,894,205.00** to the Town of Big Flat from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$385,894 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.



**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Town of Tillar**

**\$869,310**

**Water System Replacement and expansion**

Total Project Cost	<b>\$3,477,241.00</b>	Median Household Income	<b>\$34,298</b>
Loan	<b>\$869,310.00</b>	Low to Moderate Income Percentage	<b>40.00%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>183</b>
Initial RBF	<b>0.53%</b>	County	<b>Drew</b>
Final RBF	<b>1.07%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

Replacement of water lines and meters is proposed, along with repainting and rehabilitation of the water storage tank, and some improvements to the well and chlorination facility. It is also proposed to extend the water system to serve approximately 11 additional customers on Loggy Bayou Road west of town and approximately 7 others on Greene Road north of town. Additionally, it is proposed to provide Instrumentation and Remote Sensing to allow sensors in the storage tank to detect the water level in the tank and send a signal to the well automatically start and stop the well as necessary.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$869,310.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the Town of Tillar from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$86,931 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Central Arkansas Water**

**\$11,000,000**

**Jack H. Wilson Treatment Plant Renewal & Resiliency Project**

Total Project Cost	<b>\$11,000,000.00</b>	Median Household Income	<b>\$51,687</b>
Loan	<b>\$11,000,000.00</b>	Low to Moderate Income Percentage	<b>43.00%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>156,000</b>
Initial RBF	<b>*%</b>	County	<b>Pulaski</b>
Final RBF	<b>*%</b>	ARPA Project	<b>No</b>

**Project Description:**

The Wilson Water Treatment Plant Rehabilitation and Improvements Resiliency Project includes significant capital improvement recommendations to renew the plant as well as increase performance and plant optimization.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$11,000,000.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the Central Arkansas Water from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$1,100,000 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Southwest Arkansas Water Facilities Board of Hempstead County**

**\$1,444,509**

**Water Improvements and WTP Building Repairs**

Total Project Cost	<b>\$1,444,509.00</b>	Median Household Income	<b>\$43,233</b>
Loan	<b>\$361,127.25</b>	Low to Moderate Income Percentage	<b>47.77%</b>
Principal Forgiveness	<b>\$1,083,381.75</b>	Population Served	<b>978</b>
Initial RBF	<b>1.35%</b>	County	<b>Hempstead</b>
Final RBF	<b>2.03%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

This project includes approximately 40 miles of varying 8", 6", 4", and 3" water mains and one 100,000-gallon elevated storage tank.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$361,127.25** and a loan with principal forgiveness in an amount up to **\$1,083,381.75** to the Southwest Arkansas Water Facilities Board of Hempstead County from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$144,451 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Central Arkansas Water as Receiver for City of Perla**

**\$1,400,000**

**Perla Regionalization project**

Total Project Cost	<b>\$1,400,000.00</b>	Median Household Income	<b>\$51,687</b>
Loan	<b>\$350,000.00</b>	Low to Moderate Income Percentage	<b>43.20%</b>
Principal Forgiveness	<b>\$1,050,000.00</b>	Population Served	<b>156,000</b>
Initial RBF	<b>1.90%</b>	County	<b>Hot Spring</b>
Final RBF	<b>3.27%</b>	ARPA Project	<b>No</b>

**Project Description:**

This project is to replace about 5% of the distribution system and service all connections to reduce long ignored leaks in the system.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$350,000.00** and a loan with principal forgiveness in an amount up to **\$1,050,000.00** to the Central Arkansas Water as Receiver for City of Perla from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$140,000 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Winslow**

**\$2,049,268**

**Emergency Power Generators ad Related Facilities**

Total Project Cost	<b>\$2,049,268.00</b>	Median Household Income	<b>\$36,145</b>
Loan	<b>\$512,317.00</b>	Low to Moderate Income Percentage	<b>50.70%</b>
Principal Forgiveness	<b>\$1,536,951.00</b>	Population Served	<b>671</b>
Initial RBF	<b>1.80%</b>	County	<b>Washington</b>
Final RBF	<b>2.93%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

To prevent equipment damage and losses, as well as disruptions in service to customers, WWS is proposing to purchase and install at each of the two stations, a state-of-the-art backup generator that would automatically start once power outages occur with a 1000-gallon gas tank for each generator. The consulting engineer for the WWS recomends installation of an additional 175,000 gallon elevated water storage tank and tower to meet the needs of existing customers and increased demand from growth in the WWS service area. The consulting engineer for the WWS recommends installation of a remote electronic water pressure detection system and supervisory control and data acquisition (SCADA) resource to help discover and repair leaks quickly by employing a preemptive maintenance program that will minimize disructions and decrease repair related costs.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$512,317.00** and a loan with principal forgiveness in an amount up to **\$1,536,951.00** to the City of Winslow from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$204,927 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Keo**

**\$1,580,223**

**Water System Improvements**

Total Project Cost	<b>\$1,580,223.00</b>	Median Household Income	<b>\$30,258</b>
Loan	<b>\$395,055.75</b>	Low to Moderate Income Percentage	<b>54.35%</b>
Principal Forgiveness	<b>\$1,185,167.25</b>	Population Served	<b>145</b>
Initial RBF	<b>1.73%</b>	County	<b>Lonoke</b>
Final RBF	<b>2.28%</b>	ARPA Project	<b>No</b>

**Project Description:**

The proposed project is to replace the existing water system. The improvements include replacing approximately 7,000 feet of 6-inch, 7,000 feet of 4-inch, 10,000 feet of 3-inch, 12 fire hydrants and associated appurtenances. The improvements will also include replacing the existing water meters with smart meters.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$395,055.75** and a loan with principal forgiveness in an amount up to **\$1,185,167.25** to the City of Keo from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$158,022 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Nashville**

**\$12,079,207**

**Water System Expansion**

Total Project Cost	<b>\$12,079,207.00</b>	Median Household Income	<b>\$29,650</b>
Loan	<b>\$12,079,207.00</b>	Low to Moderate Income Percentage	<b>53.34%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>1,971</b>
Initial RBF	<b>0.68%</b>	County	<b>Howard</b>
Final RBF	<b>1.06%</b>	ARPA Project	<b>No</b>

**Project Description:**

The city would like to perform a water system expansion project to increase its water supply capacity and water treatment capacity. The water supply capacity can be increased by installing an additional intake in the Little Missouri River and installing a new raw water pumping station. A new siphon intake from Lake Nichols needs to be installed. To increase the treatment capacity of the existing facility, a new rapid mix basin will need to be installed, another clarifier will need to be constructed to provide the proper clarification and detention prior to the filters, and two (2) more filters need to be added to the existing filter array, which the facility is already plumbed for. The flow rate through the filters will also have to be increased. There will also have to be an additional ground storage tank added at the facility to provide the appropriate contact time for the higher flow rate. A new 1.5MG elevated storage tank also needs to be added to the system. In addition to this work, Lake Nichols needs to be dredged. The need for the dredging is due to the flooding that occurred in Nashville a couple of years ago. During this flood, a large amount of sedimentation washed into the upper end of the lake, ultimately decreasing the holding capacity. This affects the amount of water that can be pulled from the lake. In addition, it has affected the water quality being pulled from the lake due to the shallower water.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$12,079,207.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Nashville from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$1,207,921 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Evening Shade**

**\$648,447**

**Water System Improvements**

Total Project Cost	<b>\$2,593,787.00</b>	Median Household Income	<b>\$32,231</b>
Loan	<b>\$162,111.75</b>	Low to Moderate Income Percentage	<b>56.00%</b>
Principal Forgiveness	<b>\$486,335.25</b>	Population Served	<b>320</b>
Initial RBF	<b>1.35%</b>	County	<b>Sharp</b>
Final RBF	<b>1.61%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The City of Evening Shade has been asked to supply water to neighboring cities. The current filtration plant has a capacity of 210 GPM. While this is sufficient to supply the City of Evening Shade, it will not meet the demand of the neighboring communities requesting service. The primary communities requesting service are Grange Calamine Rural Water, Deer Run Park, and Sidney.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$162,111.75** and a loan with principal forgiveness in an amount up to **\$486,335.25** to the City of Evening Shade from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$64,845 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.



**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Lake View**

**\$442,048**

**Water System Improvements**

Total Project Cost	<b>\$962,217.00</b>	Median Household Income	<b>\$29,200</b>
Loan	<b>\$110,512.00</b>	Low to Moderate Income Percentage	<b>67.00%</b>
Principal Forgiveness	<b>\$331,536.00</b>	Population Served	<b>262</b>
Initial RBF	<b>1.08%</b>	County	<b>Phillips</b>
Final RBF	<b>1.31%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

Currently, the most urgent need for the city's water system is the rehabilitation of the elevated water storage tank and replacement of an existing water main located in the southern portion of the city.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$110,512.00** and a loan with principal forgiveness in an amount up to **\$331,536.00** to the City of Lake View from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$44,205 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Judsonia**

**\$1,342,966**

**Water Pump Station Replacement**

Total Project Cost	<b>\$1,342,966.00</b>	Median Household Income	<b>\$33,154</b>
Loan	<b>\$1,007,224.50</b>	Low to Moderate Income Percentage	<b>54.65%</b>
Principal Forgiveness	<b>\$335,741.50</b>	Population Served	<b>1,237</b>
Initial RBF	<b>1.72%</b>	County	<b>White</b>
Final RBF	<b>1.72%</b>	ARPA Project	<b>No</b>

**Project Description:**

The existing Pump Station is past its useful life and existing pumps are no longer serviceable. This project would include: 2, 25 HP Pumps, Piping, Block Building, Electrical, and VFDs.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,007,224.50** and a loan with principal forgiveness in an amount up to **\$335,741.50** to the City of Judsonia from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$134,297 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Cherry Valley**

**\$3,315,370**

**Water Treatment Facility**

Total Project Cost	<b>\$3,315,370.00</b>	Median Household Income	<b>\$46,048</b>
Loan	<b>\$828,842.50</b>	Low to Moderate Income Percentage	<b>44.94%</b>
Principal Forgiveness	<b>\$2,486,527.50</b>	Population Served	<b>315</b>
Initial RBF	<b>1.37%</b>	County	<b>Cross</b>
Final RBF	<b>1.48%</b>	ARPA Project	<b>No</b>

**Project Description:**

The proposed water system improvements include the construction of a new 0.432 MGD iron and manganese removal water treatment facility consisting of an induced draft aerator, a reaction tank, filters, high service pumps, and a chlorine disinfection system.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$828,842.50** and a loan with principal forgiveness in an amount up to **\$2,486,527.50** to the City of Cherry Valley from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$331,537 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Amity**

**\$625,805**

**Water System Improvements**

Total Project Cost	<b>\$2,393,120.00</b>	Median Household Income	<b>\$30,861</b>
Loan	<b>\$156,451.25</b>	Low to Moderate Income Percentage	<b>55.84%</b>
Principal Forgiveness	<b>\$469,353.75</b>	Population Served	<b>347</b>
Initial RBF	<b>1.52%</b>	County	<b>Clark</b>
Final RBF	<b>1.77%</b>	ARPA Project	<b>No</b>

**Project Description:**

The proposed project includes constructing a new 150,000-gallon elevated water storage tank, 750 feet of 8-inch water main, installing electrical/SCADA and sandblasting and recoating the exterior and interior of the existing 100,000-gallon elevated storage tank.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$156,451.25** and a loan with principal forgiveness in an amount up to **\$469,353.75** to the City of Amity from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$62,581 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Horsehead Water Users Association**

**\$2,507,150**

**Horsehead WUA Improvements**

Total Project Cost	<b>\$2,507,150.00</b>	Median Household Income	<b>\$51,561</b>
Loan	<b>\$1,253,575.00</b>	Low to Moderate Income Percentage	<b>43.71%</b>
Principal Forgiveness	<b>\$1,253,575.00</b>	Population Served	<b>2,273</b>
Initial RBF	<b>1.18%</b>	County	<b>Johnson</b>
Final RBF	<b>1.61%</b>	ARPA Project	<b>No</b>

**Project Description:**

The proposed project for Horsehead Water is to replace ageing pipes, outdated meters, add line extensions and replace new water storage tank.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,253,575.00** and a loan with principal forgiveness in an amount up to **\$1,253,575.00** to the Horsehead Water Users Association from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$250,715 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

In addition, recommend waiver of rule section 1507.1 of the safe drinking water program. The applicant is a viable non-profit water provider and the amount of assistance provided will not materially impact the amount of funds available to pledge for leve

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Tumbling Shoals Water Authority**

**\$850,000**

**Water System Improvements**

Total Project Cost	<b>\$2,127,372.00</b>	Median Household Income	<b>\$31,188</b>
Loan	<b>\$212,500.00</b>	Low to Moderate Income Percentage	<b>18.70%</b>
Principal Forgiveness	<b>\$637,500.00</b>	Population Served	<b>2,648</b>
Initial RBF	<b>2.47%</b>	County	<b>Cleburne</b>
Final RBF	<b>2.47%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

Projects include: Tumbling Shoals Auto-Read Meters -Tumbling Shoals currently has 2,648 active meters which need to be replaced to combat water loss. Satellite Leak Detection - This project would include the cost of the imagery, as well as, contracted labor onsite, to help narrow down the exact location of the leaks identified. Master Plan and Hydraulic Model - Tumbling Shoals will develop a Master Plan and Hydraulic model. Tank Rehabilitation - Tumbling Shoals needs rehabilitation immediately for two of its water storage tanks.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$212,500.00** and a loan with principal forgiveness in an amount up to **\$637,500.00** to the Tumbling Shoals Water Authority from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$85,000 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

In addition, recommend waiver of rule section 1507.1 of the safe drinking water program. The applicant is a viable non-profit water provider and the amount of assistance provided will not materially impact the amount of funds available to pledge for leve

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Mountainburg**

**\$1,000,000**

**North Central Crawford County System Improvements**

Total Project Cost	<b>\$13,434,900.00</b>	Median Household Income	<b>\$44,219</b>
Loan	<b>\$250,000.00</b>	Low to Moderate Income Percentage	<b>45.29%</b>
Principal Forgiveness	<b>\$750,000.00</b>	Population Served	<b>427</b>
Initial RBF	<b>1.43%</b>	County	<b>Crawford</b>
Final RBF	<b>2.10%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The proposed project includes: Installation of approximately 68-miles of water line ranging in diameter from 3 to 6 inches along County and public roads, a master meter connection to the existing City of Mountainburg water system. This connection will require extensive improvements to the city's existing infrastructure including the replacement of all pumps, installation of three (3) water storage tanks, one (1) pump station, and several pressure reducing valves, a master meter connection to the existing Washington Water Authority to serve the Liberty Hill Community and providing water service connection to 349 new customers.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$250,000.00** and a loan with principal forgiveness in an amount up to **\$750,000.00** to the City of Mountainburg from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$100,000 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Star City**

**\$986,582**

**Tank Rehab and Main Upgrade**

Total Project Cost	<b>\$986,582.00</b>	Median Household Income	<b>\$44,343</b>
Loan	<b>\$986,582.00</b>	Low to Moderate Income Percentage	<b>47.27%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>1,000</b>
Initial RBF	<b>0.62%</b>	County	<b>Lincoln</b>
Final RBF	<b>1.10%</b>	ARPA Project	<b>No</b>

**Project Description:**

The proposed project includes the cleaning and painting of the exterior and interior of the 300,000-gallon standpipe, the cleaning and painting of the exterior and interior of the 300,000-gallon elevated tank along with mixing systems being install in both tanks, the replacement of the 2" line with a new 6" main to increase flow to the East side of the city that is experiencing growth, the installation of a chain link fence at the Kennedy well site to secure the site, limit access to the well, and comply with Arkansas Department of Health requirements.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$986,582.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Star City from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$98,658 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.



**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Central Arkansas Water as Receiver for City of Perla**

**\$425,000**

**Perla Meter Replacement**

Total Project Cost	<b>\$425,000.00</b>	Median Household Income	<b>\$51,687</b>
Loan	<b>\$106,250.00</b>	Low to Moderate Income Percentage	<b>43.20%</b>
Principal Forgiveness	<b>\$318,750.00</b>	Population Served	<b>156,000</b>
Initial RBF	<b>1.90%</b>	County	<b>Hot Spring</b>
Final RBF	<b>3.06%</b>	ARPA Project	<b>No</b>

**Project Description:**

This project is to replace all water meters and install sampling and flushing stations for the water system. In addition, this project includes replacing grinder pump stations and list stations for the wastewater system.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$106,250.00** and a loan with principal forgiveness in an amount up to **\$318,750.00** to the Central Arkansas Water as Receiver for City of Perla from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$42,500 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Gould**

**\$450,000**

**100,000 Gallon Elevated Water Storage Tank**

Total Project Cost	<b>\$1,554,000.00</b>	Median Household Income	<b>\$23,828</b>
Loan	<b>\$112,500.00</b>	Low to Moderate Income Percentage	<b>66.00%</b>
Principal Forgiveness	<b>\$337,500.00</b>	Population Served	<b>350</b>
Initial RBF	<b>2.01%</b>	County	<b>Lincoln</b>
Final RBF	<b>2.01%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The project is for the replacement of a 100,000-gallon elevated water tank for the community of Gould in Lincoln County.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$112,500.00** and a loan with principal forgiveness in an amount up to **\$337,500.00** to the City of Gould from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$45,000 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Weiner**

**\$1,405,753**

**Water System Improvements**

Total Project Cost	<b>\$1,405,753.00</b>	Median Household Income	<b>\$40,299</b>
Loan	<b>\$1,405,753.00</b>	Low to Moderate Income Percentage	<b>35.53%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>364</b>
Initial RBF	<b>0.96%</b>	County	<b>Poinsett</b>
Final RBF	<b>1.38%</b>	ARPA Project	<b>No</b>

**Project Description:**

The proposed project consists of the replacement of existing water lines with new 6" PVC water lines, the replacement of the slats in the induced draft aerator, the replacement of the interior steel piping inside the water treatment facility with ductile iron piping, the cleaning of the two water supply wells, the cleaning and painting of the interior and exterior of the existing 100,000-gallon elevated storage tank, replacement of all service meters electrical improvements inside the water treatment facility, and installation of a new 150 KW standby generator at the water treatment facility.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,405,753.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Weiner from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$140,575 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Marshall,**

**\$870,500**

**Marshall Water Storage Tank Replacement**

Total Project Cost	<b>\$870,500.00</b>	Median Household Income	<b>\$29,386</b>
Loan	<b>\$217,625.00</b>	Low to Moderate Income Percentage	<b>39.81%</b>
Principal Forgiveness	<b>\$652,875.00</b>	Population Served	<b>1,304</b>
Initial RBF	<b>2.57%</b>	County	<b>Searcy</b>
Final RBF	<b>3.47%</b>	ARPA Project	<b>No</b>

**Project Description:**

The proposed project includes replacement of an existing 200,000-gallon concrete tank water storage tank with a new welded steel 200,000 water storage tank with appurtenances. SCCADA and video monitoring will also be included in the project due to past vandalism.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$217,625.00** and a loan with principal forgiveness in an amount up to **\$652,875.00** to the City of Marshall, from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$87,050 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Keo**

**\$503,696**

**Tank Rehab**

Total Project Cost	<b>\$503,696.00</b>	Median Household Income	<b>\$30,258</b>
Loan	<b>\$125,924.00</b>	Low to Moderate Income Percentage	<b>54.35%</b>
Principal Forgiveness	<b>\$377,772.00</b>	Population Served	<b>145</b>
Initial RBF	<b>1.73%</b>	County	<b>Lonoke</b>
Final RBF	<b>1.87%</b>	ARPA Project	<b>No</b>

**Project Description:**

The City proposes to rehab the interior and exterior of the 50,000 gallon elevated water storage tank and associated appurtenances.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$125,924.00** and a loan with principal forgiveness in an amount up to **\$377,772.00** to the City of Keo from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$50,370 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Carthage**

**\$1,259,698**

**Water Distribution System Replacement**

Total Project Cost	<b>\$4,892,726.00</b>	Median Household Income	<b>\$38,631</b>
Loan	<b>\$314,924.50</b>	Low to Moderate Income Percentage	<b>34.58%</b>
Principal Forgiveness	<b>\$944,773.50</b>	Population Served	<b>108</b>
Initial RBF	<b>1.62%</b>	County	<b>Dallas</b>
Final RBF	<b>3.05%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The purpose of this project is to replace the existing distribution system, water storage tank, and source water. Replacement of the entirety of the Carthage water system is needed to protect the health and safety of the town.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$314,924.50** and a loan with principal forgiveness in an amount up to **\$944,773.50** to the City of Carthage from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$125,970 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Glenwood**

**\$3,754,575**

**Water Treatment Plant Improvements**

Total Project Cost	<b>\$3,754,575.00</b>	Median Household Income	<b>\$59,108</b>
Loan	<b>\$938,643.75</b>	Low to Moderate Income Percentage	<b>47.30%</b>
Principal Forgiveness	<b>\$2,815,931.25</b>	Population Served	<b>1,478</b>
Initial RBF	<b>1.49%</b>	County	<b>Pike</b>
Final RBF	<b>1.55%</b>	ARPA Project	<b>No</b>

**Project Description:**

The City of Glenwood proposes upgrades to the existing Glenwood water treatment plant including, installing an additional 400,000-gallon clearwell along with the necessary appurtenances, yard piping, and filter improvements (with associated controls).

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$938,643.75** and a loan with principal forgiveness in an amount up to **\$2,815,931.25** to the City of Glenwood from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$375,458 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Cleveland County for Cleveland County Rural Water Users Association**

**\$3,048,700**

**New Water Treatment and Tank**

Total Project Cost	<b>\$3,048,700.00</b>	Median Household Income	<b>\$40,291</b>
Loan	<b>\$3,048,700.00</b>	Low to Moderate Income Percentage	<b>33.83%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>660</b>
Initial RBF	<b>0.83%</b>	County	<b>Cleveland</b>
Final RBF	<b>1.51%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The proposed project will include the following: New well and pump supplying approximately 300 GPM, new water lines and tank connections, new well house and treatment plant including aerator, detention tank, pressure filter, pumps, and piping, 200 GPM, new welded water storage tank including concrete foundation, 127,000 gallons.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$3,048,700.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the Cleveland County for Cleveland County Rural Water Users Association from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$304,870 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.



**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Guy**

**\$579,570**

**Master Meters**

Total Project Cost	<b>\$1,000,000.00</b>	Median Household Income	<b>\$59,077</b>
Loan	<b>\$579,570.00</b>	Low to Moderate Income Percentage	<b>50.66%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>950</b>
Initial RBF	<b>0.98%</b>	County	<b>Faulkner</b>
Final RBF	<b>1.28%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

This project includes the following items: 1. New wholesale Community Water System (CWS) master meter. 2. 2700 LF of 8-inch and 3500 LF of 6-inch water line to integrate the master meter into Guy's water distribution system.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$579,570.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Guy from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$57,957 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Fulton County Public Water Authority**

**\$2,565,918**

**Phase V Extensions**

Total Project Cost	<b>\$6,019,418.00</b>	Median Household Income	<b>\$35,621</b>
Loan	<b>\$641,479.50</b>	Low to Moderate Income Percentage	<b>43.24%</b>
Principal Forgiveness	<b>\$1,924,438.50</b>	Population Served	<b>1,060</b>
Initial RBF	<b>1.36%</b>	County	<b>Fulton</b>
Final RBF	<b>1.51%</b>	ARPA Project	<b>No</b>

**Project Description:**

Extend water system in the areas around Camp and Elizabeth to increase the number of customers being served by the system. The current source of water in the areas to be served is private wells which have a history of poor quality and/or inadequate quantity.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$641,479.50** and a loan with principal forgiveness in an amount up to **\$1,924,438.50** to the Fulton County Public Water Authority from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$256,592 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Cross County Rural Water System Public Facilities Board**

**\$876,950**

**Hydrochloric Acid Feed System and piping improvements**

Total Project Cost	<b>\$876,950.00</b>	Median Household Income	<b>\$45,001</b>
Loan	<b>\$876,950.00</b>	Low to Moderate Income Percentage	<b>40.68%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>3,800</b>
Initial RBF	<b>1.20%</b>	County	<b>Cross</b>
Final RBF	<b>1.20%</b>	ARPA Project	<b>No</b>

**Project Description:**

The proposed project consists of the construction of a hydrochloric acid feed system at each of the three treatment facilities. the replacement of the piping between the clarifier and the filters at each plant and installation of this piping above grade to make the piping more accessible for maintenance and cleaning.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$876,950.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the Cross County Rural Water System Public Facilities Board from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$87,695 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Clark County Water Facilities Board**

**\$1,604,399**

**Clark County Country Water Facilities Pump Improvement Project**

Total Project Cost	<b>\$1,604,399.00</b>	Median Household Income	<b>\$40,291</b>
Loan	<b>\$802,199.50</b>	Low to Moderate Income Percentage	<b>42.95%</b>
Principal Forgiveness	<b>\$802,199.50</b>	Population Served	<b>1,073</b>
Initial RBF	<b>1.10%</b>	County	<b>Clark</b>
Final RBF	<b>1.54%</b>	ARPA Project	<b>No</b>

**Project Description:**

The pumps and motors are approx. 23 years-old and have begun to fail and deteriorate. The current electrical panels are original to the system (1986) and must be updated for any type of new pump/motor for the system.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$802,199.50** and a loan with principal forgiveness in an amount up to **\$802,199.50** to the Clark County Water Facilities Board from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$160,440 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Southwest Water Users Public Water Authority**

**\$5,549,878**

**Water Supply Connections**

Total Project Cost	<b>\$5,549,878.00</b>	Median Household Income	<b>\$64,480</b>
Loan	<b>\$5,549,878.00</b>	Low to Moderate Income Percentage	<b>34.31%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>4,428</b>
Initial RBF	<b>0.81%</b>	County	<b>Saline</b>
Final RBF	<b>0.93%</b>	ARPA Project	<b>No</b>

**Project Description:**

The proposed project will provide a transmission line along Highway 70 to connect the Southwest system to the North Garland County system. It will also provide a water storage tank in the vicinity of Highway 70 and Highway 128 to provide pressure stability and storage for this rapidly developing area. An emergency connection between the low-pressure side (southeastern part) of the Southwest system and the high-pressure side is proposed to be constructed by crossing Interstate 30 near the location of the existing 1.4-million-gallon tank at Brody Crossing. A pressure reducing valve will be required at this location.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$5,549,878.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the Southwest Water Users Public Water Authority from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$554,988 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Morning Star Public Water Authority**

**\$475,100**

**Tank Refurbishment**

Total Project Cost	<b>\$475,100.00</b>	Median Household Income	<b>\$29,386</b>
Loan	<b>\$118,775.00</b>	Low to Moderate Income Percentage	<b>39.81%</b>
Principal Forgiveness	<b>\$356,325.00</b>	Population Served	<b>656</b>
Initial RBF	<b>1.60%</b>	County	<b>Searcy</b>
Final RBF	<b>2.04%</b>	ARPA Project	<b>No</b>

**Project Description:**

Tanks #1 & #3 are in serious need of refurbishment. Both tanks are showing paint deterioration in the internal and external coatings. Tank # 1 base layer was tested & came back positive for lead on the exterior. The Arkansas Department of Health has included deficiencies to be addressed on all sanitary surveys dating back to 2010.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$118,775.00** and a loan with principal forgiveness in an amount up to **\$356,325.00** to the Morning Star Public Water Authority from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$47,510 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

In addition, recommend waiver of rule section 1507.1 of the safe drinking water program. The applicant is a viable non-profit water provider and the amount of assistance provided will not materially impact the amount of funds available to pledge for leve

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Grand Prairie Regional Water Distribution District**

**\$2,050,000**

**Wright Pastoria Regionalization Project**

Total Project Cost	<b>\$2,050,000.00</b>	Median Household Income	<b>\$45,721</b>
Loan	<b>\$1,025,000.00</b>	Low to Moderate Income Percentage	<b>40.18%</b>
Principal Forgiveness	<b>\$1,025,000.00</b>	Population Served	<b>442</b>
Initial RBF	<b>1.66%</b>	County	<b>Arkansas</b>
Final RBF	<b>1.28%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

Project includes a pump station, transmission main and improvements to the Sherrill and Tucker distribution systems. Completes the regionalization of Wright Pastoria into Grand Prairie system.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,025,000.00** and a loan with principal forgiveness in an amount up to **\$1,025,000.00** to the Grand Prairie Regional Water Distribution District from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$205,000 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Pulaski County for Maumelle Water Corporation**

**\$2,798,737**

**Main Distribution Line Increase-Mainline to Tank 1**

Total Project Cost	<b>\$2,798,737.00</b>	Median Household Income	<b>\$31,971</b>
Loan	<b>\$2,798,737.00</b>	Low to Moderate Income Percentage	<b>50.00%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>1,089</b>
Initial RBF	<b>1.39%</b>	County	<b>Pulaski</b>
Final RBF	<b>1.39%</b>	ARPA Project	<b>No</b>

**Project Description:**

Increasing the main distribution line size from 8" to 12" will enable Maumelle Water Corporation to increase the pumping capacity of existing well pumps up to maximum delivery capacity.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$2,798,737.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the Pulaski County for Maumelle Water Corporation from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$279,874 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.



**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Tri-County Regional Water Distribution District**

**\$3,631,835**

**Center Valley Upgrade and Hector A/C Replacement**

Total Project Cost	<b>\$3,631,835.00</b>	Median Household Income	<b>\$43,793</b>
Loan	<b>\$3,631,835.00</b>	Low to Moderate Income Percentage	<b>45.63%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>8,101</b>
Initial RBF	<b>1.22%</b>	County	<b>Pope</b>
Final RBF	<b>1.30%</b>	ARPA Project	<b>No</b>

**Project Description:**

This project consists of constructing 6,900 lf of 16" Polyethylene Distribution Waterline. Contract No. 2 is the Hector Asbestos Cement Waterline Replacement. This project consists of replacing 16,800 lf of 6" Asbestos Cement Waterline with 8" Polyethylene Waterline.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$3,631,835.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the Tri-County Regional Water Distribution District from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$363,184 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Danville**

**\$681,492**

**Lead Pipe Joint/Service Water Line Replacement Project**

Total Project Cost	<b>\$3,748,910.00</b>	Median Household Income	<b>\$46,911</b>
Loan	<b>\$681,492.00</b>	Low to Moderate Income Percentage	<b>56.89%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>1,164</b>
Initial RBF	<b>0.50%</b>	County	<b>Yell</b>
Final RBF	<b>0.53%</b>	ARPA Project	<b>No</b>

**Project Description:**

The project involves replacing water lines and services along Arkansas Street for approximately one mile. The water main is constructed of lead joints and services, which have been associated with causing health issues in humans.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$681,492.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Danville from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$68,149 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Fayetteville**

**\$85,000,000**

**West Transmission Main Project**

Total Project Cost	<b>\$85,000,000.00</b>	Median Household Income	<b>\$44,380</b>
Loan	<b>\$85,000,000.00</b>	Low to Moderate Income Percentage	<b>49.15%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>100,000</b>
Initial RBF	<b>0.53%</b>	County	<b>Washington</b>
Final RBF	<b>*%</b>	ARPA Project	<b>No</b>

**Project Description:**

BWD intends to construct a new 60-inch transmission main from its existing water treatment plant to a new pump station (Western Corridor Pump Station, or WCPS) located west of 1-49 and north of Hwy 612. The WCPS will deliver water to BWD's four major customer cities (Fayetteville, Springdale, Rogers, and Bentonville), helping with hydraulics, critical redundancy and overall utility resiliency.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$85,000,000.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Fayetteville from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$8,500,000 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Junction City**

**\$2,551,777**

**Water Line Improvements**

Total Project Cost	<b>\$2,551,777.00</b>	Median Household Income	<b>\$30,775</b>
Loan	<b>\$637,944.25</b>	Low to Moderate Income Percentage	<b>42.28%</b>
Principal Forgiveness	<b>\$1,913,832.75</b>	Population Served	<b>280</b>
Initial RBF	<b>0.76%</b>	County	<b>Union</b>
Final RBF	<b>2.17%</b>	ARPA Project	<b>No</b>

**Project Description:**

The City of Junction City has retained AL Franks Engineering to evaluate and make recommendations on the city's water system. The city proposes to replace approximately 18,000 feet of 6-inch water main including 320 meters. This includes replacing the ductile iron throughout the system due to age and condition.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$637,944.25** and a loan with principal forgiveness in an amount up to **\$1,913,832.75** to the City of Junction City from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$255,178 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Flippin**

**\$7,969,036**

**Water System improvements**

Total Project Cost	<b>\$7,969,036.00</b>	Median Household Income	<b>\$25,949</b>
Loan	<b>\$1,992,259.00</b>	Low to Moderate Income Percentage	<b>55.00%</b>
Principal Forgiveness	<b>\$5,976,777.00</b>	Population Served	<b>1,824</b>
Initial RBF	<b>1.63%</b>	County	<b>Marion</b>
Final RBF	<b>1.95%</b>	ARPA Project	<b>No</b>

**Project Description:**

The City would like to replace the old, outdated distribution system with new water mains, valves, hydrants, and water meters.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,992,259.00** and a loan with principal forgiveness in an amount up to **\$5,976,777.00** to the City of Flippin from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$796,904 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Rison**

**\$1,802,382**

**Water System Improvements**

Total Project Cost	<b>\$3,302,782.00</b>	Median Household Income	<b>\$26,600</b>
Loan	<b>\$450,595.50</b>	Low to Moderate Income Percentage	<b>64.00%</b>
Principal Forgiveness	<b>\$1,351,786.50</b>	Population Served	<b>488</b>
Initial RBF	<b>1.38%</b>	County	<b>Cleveland</b>
Final RBF	<b>2.65%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The proposed project will include the following: Replacement of water distribution system within City's center, replacing failing components, Harbor's preferred option utilizes ductile iron and HDPE piping, 20 new fire hydrants will be installed, 15 existing fire hydrants will be connected to the proposed line, 300 new saddle and corps will be installed, and new 3/4" or 1" service line will be installed for the new saddle and corps.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$450,595.50** and a loan with principal forgiveness in an amount up to **\$1,351,786.50** to the City of Rison from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$180,238 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Calico Rock**

**\$1,193,252**

**Calico Rock Water System Improvements**

Total Project Cost	<b>\$1,193,252.00</b>	Median Household Income	<b>\$43,259</b>
Loan	<b>\$1,193,252.00</b>	Low to Moderate Income Percentage	<b>50.93%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>861</b>
Initial RBF	<b>0.82%</b>	County	<b>Izard</b>
Final RBF	<b>1.27%</b>	ARPA Project	<b>No</b>

**Project Description:**

Repairs to GWUDI well site facility for the clearwell to remain in service, 1500-gallon standpipe needs to be cleaned and re-coated on the interior and exterior of the tank , 50,000-gallon elevated water storage tank needs cleaned and re-coated on the interior and exterior of the tank.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,193,252.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Calico Rock from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$119,325 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Northeast Yell County Water Association Public  
Facilities Board**

**\$1,504,970**

**Rehabilitation of Water Pump Stations**

Total Project Cost	<b>\$1,504,970.00</b>	Median Household Income	<b>\$44,755</b>
Loan	<b>\$1,504,970.00</b>	Low to Moderate Income Percentage	<b>37.42%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>2,718</b>
Initial RBF	<b>1.06%</b>	County	<b>Yell</b>
Final RBF	<b>1.06%</b>	ARPA Project	<b>No</b>

**Project Description:**

The proposed project will rehabilitate five (5) pump stations. This will improve the existing water service to the current customers and have the ability to serve additional customers for the system. The upgrade will allow the NEYC Water Association to expand services to new areas in the future.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,504,970.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the Northeast Yell County Water Association Public Facilities Board from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$150,497 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.



**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Sevier County for Sevier County Water Association**

**\$868,306**

**SCWA - Clearwell Rehab**

Total Project Cost	<b>\$868,306.00</b>	Median Household Income	<b>\$47,414</b>
Loan	<b>\$434,153.00</b>	Low to Moderate Income Percentage	<b>45.52%</b>
Principal Forgiveness	<b>\$434,153.00</b>	Population Served	<b>2,046</b>
Initial RBF	<b>1.36%</b>	County	<b>Sevier</b>
Final RBF	<b>1.51%</b>	ARPA Project	<b>No</b>

**Project Description:**

The improvements will include rehabbing the existing steel clear well at the water treatment plant. The 1,350,000-gallon clear well needs to be sandblasted and recoated on the interior and exterior.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$434,153.00** and a loan with principal forgiveness in an amount up to **\$434,153.00** to the Sevier County for Sevier County Water Association from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$86,831 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Des Arc**

**\$1,474,200**

**Water Plant Repair & Rehabilitation**

Total Project Cost	<b>\$1,474,200.00</b>	Median Household Income	<b>\$34,756</b>
Loan	<b>\$368,550.00</b>	Low to Moderate Income Percentage	<b>55.03%</b>
Principal Forgiveness	<b>\$1,105,650.00</b>	Population Served	<b>1,070</b>
Initial RBF	<b>1.13%</b>	County	<b>Prairie</b>
Final RBF	<b>1.50%</b>	ARPA Project	<b>No</b>

**Project Description:**

A recent sanitary survey by the Arkansas Department of Health listed a number of deficiencies with the treatment plant, security, lack of generator, chemical feed pumps, and general rundown appearance. Specifically, the project will include security fencing, a standby generator, a new roof, replacement of the filter media, repainting of piping, repair and replacement of electrical controls, replacement of the high-service pumps, and repair of the building.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$368,550.00** and a loan with principal forgiveness in an amount up to **\$1,105,650.00** to the City of Des Arc from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$147,420 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Des Arc**

**\$1,567,600**

**Water System Improvements (Tanks)**

Total Project Cost	<b>\$1,567,600.00</b>	Median Household Income	<b>\$34,756</b>
Loan	<b>\$391,900.00</b>	Low to Moderate Income Percentage	<b>55.03%</b>
Principal Forgiveness	<b>\$1,175,700.00</b>	Population Served	<b>1,070</b>
Initial RBF	<b>1.13%</b>	County	<b>Prairie</b>
Final RBF	<b>1.51%</b>	ARPA Project	<b>No</b>

**Project Description:**

This project would involve the repainting and repair of five (5) elevated water tanks in the Des Arc Water System. Also included is the installation of mixers in these five tanks to comply with ADH and EPA regulations. The replacement of the existing booster pump package station with a new chlorine booster station. This would involve the construction of a building to house the booster pumps and along with a chlorination cubicle.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$391,900.00** and a loan with principal forgiveness in an amount up to **\$1,175,700.00** to the City of Des Arc from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$156,760 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Alma**

**\$5,391,540**

**Alma Water Main Connection to Ft. Smity (emergency connection)**

Total Project Cost	<b>\$5,391,540.00</b>	Median Household Income	<b>\$40,634</b>
Loan	<b>\$5,391,540.00</b>	Low to Moderate Income Percentage	<b>40.22%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>2,437</b>
Initial RBF	<b>1.00%</b>	County	<b>Crawford</b>
Final RBF	<b>1.00%</b>	ARPA Project	<b>No</b>

**Project Description:**

The existing connection was established as an emergency supply point for the City. The city would like to replace the existing pipeline with a new PVC water main that will provide long-term reliable service if an emergency water supply is needed. This project proposes a new 8" connection to the existing Ft. Smith transmission main.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$5,391,540.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Alma from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$539,154 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Bald Knob**

**\$202,933**

**Water Meter Replacement**

Total Project Cost	<b>\$814,750.00</b>	Median Household Income	<b>\$30,837</b>
Loan	<b>\$50,733.25</b>	Low to Moderate Income Percentage	<b>54.48%</b>
Principal Forgiveness	<b>\$152,199.75</b>	Population Served	<b>1,312</b>
Initial RBF	<b>1.37%</b>	County	<b>White</b>
Final RBF	<b>2.09%</b>	ARPA Project	<b>No</b>

**Project Description:**

The City of Bald Knob, Arkansas, intends to replace all of the existing mechanical water meters in the city with new ultrasonic flow meters that have electronic reporting capabilities.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$50,733.25** and a loan with principal forgiveness in an amount up to **\$152,199.75** to the City of Bald Knob from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$20,293 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Calhoun County for Calhoun County Water Association**

**\$2,234,069**

**Calhoun County Water Association Water System Expansion**

Total Project Cost	<b>\$2,969,609.00</b>	Median Household Income	<b>\$46,960</b>
Loan	<b>\$1,739,748.25</b>	Low to Moderate Income Percentage	<b>40.51%</b>
Principal Forgiveness	<b>\$494,320.75</b>	Population Served	<b>733</b>
Initial RBF	<b>0.88%</b>	County	<b>Calhoun</b>
Final RBF	<b>1.63%</b>	ARPA Project	<b>No</b>

**Project Description:**

The proposed project will include the installation of approximately 30 miles of water main and 100 new water service connections. The proposed project is in the northwest and southern portions of Calhoun County.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,739,748.25** and a loan with principal forgiveness in an amount up to **\$494,320.75** to the Calhoun County for Calhoun County Water Association from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$223,407 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Truman**

**\$1,151,782**

**Clearwell Replacement**

Total Project Cost	<b>\$1,151,782.00</b>	Median Household Income	<b>\$40,682</b>
Loan	<b>\$1,151,782.00</b>	Low to Moderate Income Percentage	<b>50.91%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>2,852</b>
Initial RBF	<b>0.53%</b>	County	<b>Poinsett</b>
Final RBF	<b>0.77%</b>	ARPA Project	<b>No</b>

**Project Description:**

Trumann is proposing to renovate portions of the water system to ensure the water system can continue to provide potable water service to the existing residents and future growth. The clearwell ground storage tank is in need of replacement to provide adequate ground storage for the water system.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,151,782.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Truman from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$115,178 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Manila**

**\$958,200**

**Water Supply Well**

Total Project Cost	<b>\$958,200.00</b>	Median Household Income	<b>\$49,851</b>
Loan	<b>\$958,200.00</b>	Low to Moderate Income Percentage	<b>47.52%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>1,540</b>
Initial RBF	<b>0.39%</b>	County	<b>Mississippi</b>
Final RBF	<b>0.51%</b>	ARPA Project	<b>No</b>

**Project Description:**

The purpose of this funding application is to replace the larger well that failed. The city has a well site and the Health Department has made a visit and approved the site. The city must tear down an abandoned building to make room for this new well.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$958,200.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Manila from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$95,820 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.



**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of McGehee**

**\$1,989,322**

**Meters**

Total Project Cost	<b>\$1,989,322.00</b>	Median Household Income	<b>\$26,722</b>
Loan	<b>\$1,989,322.00</b>	Low to Moderate Income Percentage	<b>58.00%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>2,024</b>
Initial RBF	<b>1.07%</b>	County	<b>Desha</b>
Final RBF	<b>1.29%</b>	ARPA Project	<b>No</b>

**Project Description:**

The proposed project will include replacing the existing 1,407-¾-inch meters, 100 1-inch meters, and 100 2-inch meters with a drive by meter reading system with associated appurtenances.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,989,322.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of McGehee from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$198,932 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of McGehee**

**\$652,012**

**Water Improvements & WTP Building Repairs**

Total Project Cost	<b>\$652,012.00</b>	Median Household Income	<b>\$26,722</b>
Loan	<b>\$652,012.00</b>	Low to Moderate Income Percentage	<b>58.00%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>2,024</b>
Initial RBF	<b>1.07%</b>	County	<b>Desha</b>
Final RBF	<b>1.29%</b>	ARPA Project	<b>No</b>

**Project Description:**

The City of McGehee, Arkansas, has retained A.L. Franks Engineering to evaluate and make recommendations on improvements to the existing water system. The proposed project will include replacing approximately 3,945 feet of 3-inch, 3,100 feet of 4-inch and associated appurtenances. The proposed project will also include repairs to the existing Water Treatment Plant Building to include replacing doors and hardware, cleaning and painting pipes and generator, and painting the building and electrical panels.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$652,012.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of McGehee from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$65,201 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of McGehee**

**\$2,170,983**

**Water Improvements Phase 1**

Total Project Cost	<b>\$2,170,983.00</b>	Median Household Income	<b>\$26,722</b>
Loan	<b>\$2,170,983.00</b>	Low to Moderate Income Percentage	<b>58.00%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>2,024</b>
Initial RBF	<b>1.07%</b>	County	<b>Desha</b>
Final RBF	<b>1.29%</b>	ARPA Project	<b>No</b>

**Project Description:**

The proposed project will include replacing approximately 750 feet of 10-inch, 2,000 feet of 8-inch, 6,500 feet of 6-inch, and 140 hydrants along with associated appurtenances.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$2,170,983.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of McGehee from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$217,098 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Altheimer**

**\$4,043,143**

**New Elevated Water Storage Tank, Waterline, and Meter Replacement**

Total Project Cost	<b>\$1,609,172.00</b>	Median Household Income	<b>\$25,941</b>
Loan	<b>\$4,043,143.00</b>	Low to Moderate Income Percentage	<b>39.79%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>300</b>
Initial RBF	<b>0.69%</b>	County	<b>Jefferson</b>
Final RBF	<b>1.31%</b>	ARPA Project	<b>No</b>

**Project Description:**

The existing elevated storage tank will be replaced with a new 100,000-gallon elevated storage tank. The city proposes to install a new waterline from the new elevated tank to connect to an existing 6" waterline on W 6th Ave.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$4,043,143.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Altheimer from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$404,314 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**Conway Corporation**

**\$39,292,980**

**Roger Q Mills Water Treatment Plant Expansion including upgrades for Emerging Contaminants (Cyanotixins)**

Total Project Cost	<b>\$39,292,980.00</b>	Median Household Income	<b>\$47,397</b>
Loan	<b>\$31,835,880.00</b>	Low to Moderate Income Percentage	<b>43.53%</b>
Principal Forgiveness	<b>\$7,457,100.00</b>	Population Served	<b>65,121</b>
Initial RBF	<b>0.58%</b>	County	<b>Faulkner</b>
Final RBF	<b>0.58%</b>	ARPA Project	<b>No</b>

**Project Description:**

The Conway, Arkansas water system, operated by Conway Corporation, utilizes Brewer Lake as a source of drinking water for approximately 65,121 people living in and near Conway, Arkansas.

Project is necessary to treat cyanotoxins, an emerging contaminant under EPA Contaminant Candidate List 5, found in Brewer Lake. Currently, treatment of cyanotoxins has been accomplished through an external activated carbon feed system at the Brewer Lake intake. Funding is requested to incorporate an activated carbon treatment process into expansion of the Roger Q. Mills Jr. Water Treatment Plant so that we may more effectively treat the cyanotoxins, specifically microcystins and cylindrospermopsin, found in testing by ADEQ and through Conway Corp's regular monitoring program conducted by UCA.

This project will be integrated with SCADA monitoring and billing through AMI meter infrastructure, which Conway Corporation already utilizes. Conway Corporation maintains a staff of two cybersecurity professionals who utilize cutting edge technology, in addition to a staff of approximately 30 tech professionals. The daily monitoring of water-use will be leveraged against the contract surcharge amount to realize the best value for the customers.

Brewer Lake is a relatively shallow lake that receives runoff from a watershed that contains both forested and agricultural areas, making it vulnerable to cyanobacterial blooms that can impart cyanotoxins into the water. Samples taken by ADEQ during blooms have detected mycrocystins in the lake water at levels higher than the EPA Health Advisory level for treated drinking water. ,

The 8 MGD water treatment plant expansion facilitates regionalization through a merger with the Beaverfork PWA.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$31,835,880.00** and a loan with principal forgiveness in an amount up to **\$7,457,100.00** to the Conway Corporation from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$3,929,298 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD****City of Camden****\$2,869,137****Water Master Plan Phase II**

Total Project Cost	<b>\$2,869,137.00</b>	Median Household Income	<b>\$32,179</b>
Loan	<b>\$2,869,137.00</b>	Low to Moderate Income Percentage	<b>54.91%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>4,831</b>
Initial RBF	<b>0.97%</b>	County	<b>Ouachita</b>
Final RBF	<b>1.66%</b>	ARPA Project	<b>No</b>

## Project Description:

The Camden Water Utilities has retained A.L. Franks Engineering to evaluate and make recommendations on replacing the water distribution system. A phased plan has been developed for the Utility's long-term improvement plan. The plan has considered the age and condition of water mains and prioritized them throughout the city.

## Recommendation:

Recommend the Commission approve a loan in an amount up to **\$2,869,137.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Camden from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$286,914 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Pocahontas**

**\$12,891,313**

**Water Treatment Plant Expansion**

Total Project Cost	<b>\$12,891,313.00</b>	Median Household Income	<b>\$36,607</b>
Loan	<b>\$12,891,313.00</b>	Low to Moderate Income Percentage	<b>41.57%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>3,281</b>
Initial RBF	<b>0.80%</b>	County	<b>Randolph</b>
Final RBF	<b>1.25%</b>	ARPA Project	<b>No</b>

**Project Description:**

For the last several years, the Pocahontas Water Treatment Plant (WTP) has operated at maximum capacity for several days during periods of high demand. The WTP consists of two treatment trains that are typically run simultaneously to meet demand.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$12,891,313.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Pocahontas from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$1,289,131 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.



**DWSRF FUNDED- RECOMMENDED FOR AWARD**

**City of Bryant**

**\$3,548,810**

**Meter replacement/upgrade project**

Total Project Cost	<b>\$3,548,810.00</b>	Median Household Income	<b>\$67,951</b>
Loan	<b>\$3,548,810.00</b>	Low to Moderate Income Percentage	<b>26.22%</b>
Principal Forgiveness	<b>\$0.00</b>	Population Served	<b>8,367</b>
Initial RBF	<b>0.48%</b>	County	<b>Saline</b>
Final RBF	<b>0.76%</b>	ARPA Project	<b>No</b>

**Project Description:**

This project will replace all current 8,367 meters in the ground with a cellular-based smart metering system. This project is considered a water efficient project, and it will improve cybersecurity efforts.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$3,548,810.00** and a loan with principal forgiveness in an amount up to **\$0.00** to the City of Bryant from the Drinking Water State Revolving Loan Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$354,881 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**STATE FUNDED- RECOMMENDED FOR AWARD**

<b>Lake Conway Community WWU</b>			<b>\$1,405,384</b>
<b>LCCWU Lift Station and Force Main</b>		Funding Program	<b>WSSW</b>
Total Project Cost	<b>\$1,405,384</b>	Median Household Income	<b>\$52,983</b>
Loan	<b>\$1,405,384</b>	Low to Moderate Income Percentage	<b>40.61%</b>
Grant	<b>\$0</b>	Population Served	<b>1,100</b>
Initial RBF	<b>0.93%</b>	County	<b>Faulkner</b>
Final RBF	<b>1.18%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The proposed project includes:

1. Constructing a new Wastewater Lift Station.
2. Constructing a 6" force main from new LCCWU Lift Station to the Conway Corporation system.
3. Remove the existing Wastewater Treatment Plant and reclaim the property.

The existing WWTP requires upgrading to meet current discharge limits. Consent Administrative Order (CAO) LIS-22-015 was issued on March 4, 2022, for multiple discharge violations. Along with alleviating the possibility for future discharge violations and costly upgrades for LCCWU, the new lift station will provide regionalization for wastewater collection/treatment and will have a positive impact on the LMI geography.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$1,405,384** (includes fee of \$40,934) and a grant in an amount up to **\$0** to the Lake Conway Community WWU from the Water, Sewer & Solid Waste Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$140,538 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**STATE FUNDED- RECOMMENDED FOR AWARD**

<b>Little River County Rural Development Authority (LRCRDA)</b>		<b>\$364,363</b>	
<b>Water Treatment Plant Improvements</b>		Funding Program	<b>WDF</b>
Total Project Cost	<b>\$1,415,000</b>	Median Household Income	<b>\$46,489</b>
Loan	<b>\$364,363</b>	Low to Moderate Income Percentage	<b>42.22%</b>
Grant	<b>\$0</b>	Population Served	<b>1,234</b>
Initial RBF	<b>1.35%</b>	County	<b>Little River</b>
Final RBF	<b>1.61%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The Little River County Rural Development Authority (LRCRDA) located in Little River County provides water service to its citizens. LRCRDA has exceeded its maximum containment level (MCL) for HAA5 within their system. HAA5 is the combined concentration of five significant haloacetic acids which are a group of disinfection byproducts that form when chlorine compounds used to disinfect water react with other naturally occurring chemicals in water. LRCRDA received a consent decree from the Arkansas Department of Health (ADH) on May 12, 2021. The consent decree was for violations regarding supplying water with HAA5 above the MCL of 0.06 mg/L. This project is to implement improvements at the water treatment plant to lower the HAA5 within the system to levels that meet state and federal requirements for safe drinking water.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$364,363** (includes fee of \$10,613) and a grant in an amount up to **\$0** to the Little River County Rural Development Authority (LRCRDA) from the Water Development Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$36,436 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**STATE FUNDED- RECOMMENDED FOR AWARD**

<b>Grange Calamine Water Association</b>			<b>\$415,674</b>
<b>Water Meter Replacement</b>		Funding Program	<b>WDF</b>
Total Project Cost	<b>\$415,674</b>	Median Household Income	<b>\$34,651</b>
Loan	<b>\$415,674</b>	Low to Moderate Income Percentage	<b>48.46%</b>
Grant	<b>\$0</b>	Population Served	<b>1,218</b>
Initial RBF	<b>1.36%</b>	County	<b>Sharp</b>
Final RBF	<b>1.79%</b>	ARPA Project	<b>No</b>
Project Description:			
Replacement of all water meters with drive by meter reading capabilities. Installation will be performed with current water association personnel. Up to 75-meter boxes and 50-meter setters have been included as a replacement allowance.			
Recommendation:			
<p>Recommend the Commission approve a <u>loan</u> in an amount up to <b>\$415,674</b> (includes fee of \$12,107) and a <u>grant</u> in an amount up to <b>\$0</b> to the Grange Calamine Water Association from the Water Development Fund. If approved, the executive director will establish any necessary terms and conditions.</p> <p>Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$41,567 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.</p>			

**STATE FUNDED- RECOMMENDED FOR AWARD**

<b>City of Mulberry</b>			<b>\$202,601</b>
<b>DW-476 Mulberry Water Treatment Plant Improvements</b>		Funding Program	<b>WDF</b>
Total Project Cost	<b>\$4,079,797</b>	Median Household Income	<b>\$33,779</b>
Loan	<b>\$202,601</b>	Low to Moderate Income Percentage	<b>55.59%</b>
Grant	<b>\$0</b>	Population Served	<b>632</b>
Initial RBF	<b>1.63%</b>	County	<b>Crawford</b>
Final RBF	<b>1.63%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The City of Mulberry is located in Crawford County, Arkansas, generally between U.S. Highway 64 and Interstate 40, approximately 24 miles east of the Arkansas and Oklahoma State Line. In addition to serving water customers within its own corporate limits, the City of Mulberry also provides water to Pleasant View Water and until 2012, the City of Dyer. An emergency water connection between the City of Mulberry and the City of Dyer is still in place. The City of Mulberry's municipal water supply, T.J. House Reservoir, was constructed in 1972. An intake structure, 18-inch, and 12-inch raw water transmission line were constructed from the reservoir to the City's original Water Treatment Plant (WTP), located on East 2nd Street, near downtown Mulberry. The original WTP was abandoned and replaced in 2001 with the current water treatment plant and the raw water line from the reservoir was converted to a potable water transmission line. The new WTP has a treatment capacity of 1.0 MGD; however, the current raw water pump capacity limits treatment to 600 gallons per minute (GPM) or 0.84 MGD. Average daily water demand is approximately 0.33 million gallons per day (MGD) and peak daily flows are approximately 0.7 MGD during the summer months. The water system demand is approaching the city's treatment capacity while Pleasant View Water has approached the city about an increased water allocation and the city's industrial park is also experiencing significant growth with the addition of two (2) new facilities. While it is important to design for the future growth, the existing facilities should be designed to provide redundancy for operation and maintenance of equipment and to provide continued service in the event of an equipment failure. Presently, if a mechanical failure were to occur at the clarifier, it is very likely that water service to the City of Mulberry and its wholesale users could experience a service disruption. The City of Mulberry's WTP does not have a redundant clarifier, backwash pump, or CT clearwell. Therefore, water cannot be treated while these process units are taken offline for cleaning, maintenance, or repairs. These maintenance items can take as little as a few days for cleaning or up to several weeks for items such as cleaning and recoating the WTP's clearwell. The city has been unable to adequately perform these routine cleaning and maintenance items since the WTP's completion in 2001.

The Project will address both water treatment capacity as well as critical equipment and process unit redundancy. Improvements include the installation of new raw water pumps and variable frequency drives, the construction of a new raw water distribution and rapid mix structure, a new clarifier, three (3) new filters, a second backwash pump, and a new CT clearwell to provide the required level of treatment process redundancy needed to operate at the design capacity with the largest unit out of service. The WTP is currently in the design process and the city has made the decision not to switch from chlorine gas to sodium hypochlorite disinfection. The city has also already replaced the air actuated valve operators with the electric valve

operators identified in the PER. They have also purchased a spare backwash pump to have on hand for installation in the event of a failure of their existing backwash pump.

Recommendation:

Recommend the Commission approve a loan in an amount up to **\$202,601** (includes fee of \$5,901) and a grant in an amount up to **\$0** to the City of Mulberry from the Water Development Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$20,260 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**STATE FUNDED- RECOMMENDED FOR AWARD**

<b>City of Mulberry</b>			<b>\$216,300</b>
<b>DW-170 Rehab of Current Clarifier</b>		Funding Program	<b>WDF</b>
Total Project Cost	<b>\$841,785</b>	Median Household Income	<b>\$33,779</b>
Loan	<b>\$216,300</b>	Low to Moderate Income Percentage	<b>55.59%</b>
Grant	<b>\$0</b>	Population Served	<b>632</b>
Initial RBF	<b>1.63%</b>	County	<b>Crawford</b>
Final RBF	<b>1.63%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

Rehab of the current clarifier for the Mulberry Water System. . The existing clarifier is over 22 years old and is now obsolete and replacement parts are no longer available. The clarifier is beyond its life expectancy and can no longer be rehabbed. If the clarifier were to go out it would adversely affect the potable water supply.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$216,300** (includes fee of \$6,300) and a grant in an amount up to **\$0** to the City of Mulberry from the Water Develoment Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$21,630 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**STATE FUNDED- RECOMMENDED FOR AWARD**

<b>City of Murfreesboro</b>			<b>\$407,599</b>
<b>Village Circle &amp; Anthony Avenue – Water System Improvements</b>		Funding Program	<b>WSSW</b>
Total Project Cost	<b>\$407,599</b>	Median Household Income	<b>\$30,756</b>
Loan	<b>\$407,599</b>	Low to Moderate Income Percentage	<b>53.90%</b>
Grant	<b>\$0</b>	Population Served	<b>1,495</b>
Initial RBF	<b>0.92%</b>	County	<b>Pike</b>
Final RBF	<b>1.63%</b>	ARPA Project	<b>No</b>
Project Description:			
<p>The City of Murfreesboro has retained A.L. Franks Engineering to evaluate and make recommendations on the city's water system. The proposed project will include replacing approximately 1700 feet of 10-inch water main, 960 feet of 6-inch water main, 900 feet of 3-inch water main, and 2 fire hydrants along with associated appurtenances on Village Circle and Anthony Avenue.</p>			
Recommendation:			
<p>Recommend the Commission approve a <u>loan</u> in an amount up to <b>\$407,599</b> (includes fee of \$11,872) and a <u>grant</u> in an amount up to <b>\$0</b> to the City of Murfreesboro from the Water, Sewer &amp; Solid Waste Fund. If approved, the executive director will establish any necessary terms and conditions.</p> <p>Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$40,760 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.</p>			



**STATE FUNDED- RECOMMENDED FOR AWARD**

<b>City of Murfreesboro</b>			<b>\$117,979</b>
<b>North Kelly Avenue-Water System Improvements</b>		Funding Program	<b>WSSW</b>
Total Project Cost	<b>\$117,979</b>	Median Household Income	<b>\$30,756</b>
Loan	<b>\$117,979</b>	Low to Moderate Income Percentage	<b>53.90%</b>
Grant	<b>\$0</b>	Population Served	<b>1,495</b>
Initial RBF	<b>0.92%</b>	County	<b>Pike</b>
Final RBF	<b>1.63%</b>	ARPA Project	<b>No</b>
Project Description:			
The City of Murfreesboro has retained A.L. Franks Engineering to evaluate and make recommendations on the city's water system. The proposed project will include replacing approximately 1000 feet of 6" water main on North Kelly Avenue.			
Recommendation:			
<p>Recommend the Commission approve a <u>loan</u> in an amount up to <b>\$117,979</b> (includes fee of \$3,436) and a <u>grant</u> in an amount up to <b>\$0</b> to the City of Murfreesboro from the Water, Sewer &amp; Solid Waste Fund. If approved, the executive director will establish any necessary terms and conditions.</p> <p>Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$11,798 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.</p>			

**STATE FUNDED- RECOMMENDED FOR AWARD**

<b>New Hope Water Association</b>			<b>\$451,247</b>
<b>Chlorination Building Replacement &amp; Remote Sensing</b>		Funding Program	<b>WDF</b>
Total Project Cost	<b>\$451,247</b>	Median Household Income	<b>\$44,652</b>
Loan	<b>\$451,247</b>	Low to Moderate Income Percentage	<b>40.24%</b>
Grant	<b>\$0</b>	Population Served	<b>1,136</b>
Initial RBF	<b>0.99%</b>	County	<b>Union</b>
Final RBF	<b>0.99%</b>	ARPA Project	<b>No</b>

**Project Description:**

The existing chlorination facilities are in very poor shape and need replacement to meet standards, according to a Sanitary Survey provided by the Arkansas Department of Health. It will be less expensive to replace the chlorination facilities than to try to keep them in operation while the repairs are being made. It is therefore proposed to replace the existing chlorination buildings and their chlorination systems entirely (two buildings, one for each well).

Additionally, it is proposed to provide Instrumentation and Remote Sensing to allow sensors in the storage tank to detect the water level in the tank and send a signal to the well to automatically start and stop the well as necessary. It will also allow the operator to monitor the tanks and wells from a cell phone or computer.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$451,247** (includes fee of \$13,143) and a grant in an amount up to **\$0** to the New Hope Water Association from the Water Development Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$45,125 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**STATE FUNDED- RECOMMENDED FOR AWARD**

<b>New Hope Water Association</b>			<b>\$397,154</b>
<b>Storage Tank Rehabilitation</b>		Funding Program	<b>WDF</b>
Total Project Cost	<b>\$397,154</b>	Median Household Income	<b>\$44,652</b>
Loan	<b>\$397,154</b>	Low to Moderate Income Percentage	<b>40.24%</b>
Grant	<b>\$0</b>	Population Served	<b>1,136</b>
Initial RBF	<b>0.99%</b>	County	<b>Union</b>
Final RBF	<b>1.01%</b>	ARPA Project	<b>No</b>

**Project Description:**

The New Hope Water Association is located mostly in southwestern Union County, Arkansas. The New Hope standpipe needs to be repainted. The tank was built in approximately 2000 and has never been repainted. The elevated tank needs the interior to be blasted down to bare metal and repainted; the outside needs a hydro-blast and overcoating. It is therefore proposed to repaint these tanks in accordance with these recommendations.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$397,154** (includes fee of \$11,568) and a grant in an amount up to **\$0** to the New Hope Water Association from the Water Development Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$39,715 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**STATE FUNDED- RECOMMENDED FOR AWARD**

<b>Town of Omaha</b>			<b>\$145,991</b>
<b>Water System Improvements</b>		Funding Program	<b>WDF</b>
Total Project Cost	<b>\$582,000</b>	Median Household Income	<b>\$30,382</b>
Loan	<b>\$33,978</b>	Low to Moderate Income Percentage	<b>72.50%</b>
Grant	<b>\$112,013</b>	Population Served	<b>128</b>
Initial RBF	<b>1.94%</b>	County	<b>Boone</b>
Final RBF	<b>3.99%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The Town of Omaha is located approximately 15 miles North of Harrison-near the intersection of Arkansas Highway 114 and Old U.S. Highway 65. The Omaha Public Water System provides water in Omaha and northern Boone County.

The proposed project includes making improvements to several areas of the water system. The improvements are necessary to replace aging infrastructure, installation of isolation valves to aid in the shutdown of small portions of the system for maintenance purposes, and replacement of several large water meters with newer radio read meters that will integrate into the recently updated water meter network.

As a part of the proposed project, five (5) three-way fire hydrants which are currently not functioning would be replaced with new hydrants, three (3) two-way fire hydrants which are currently not functioning would be replaced with new hydrants, five (5) 2" blow-off hydrants would be installed at dead ends of the system to aid in flushing and reduction of stagnant water in the system, and a total of 75 isolation valves in diameters ranging from 2" to 6" would be installed.

Additionally, approximately 1,000 linear feet of asbestos-cement water main would be abandoned. Approximately 20 services connected to this water main would be relocated to newly installed PVC water mains. Finally, modifications to the roof of both water storage tanks located along Old Highway 65 would be made to completely seal cable penetrations for the old float-style level indicators. The proposed improvements would help restore system functionality and would help to address water loss in the system that is occurring along the asbestos-cement line. Because Omaha has deep wells which produce the water for the system, any reduction in water loss would contribute to a reduction in ground water usage.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$33,978** (includes fee of \$990) and a grant in an amount up to **\$112,013** to the Town of Omaha from the Water Development Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$14,599 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**STATE FUNDED- RECOMMENDED FOR AWARD**

<b>Parkers Chapel Public Water Authority</b>		<b>\$355,580</b>	
<b>Haynesville Highway Water Line Replacement</b>		Funding Program	<b>WSSW</b>
Total Project Cost	<b>\$355,580</b>	Median Household Income	<b>\$44,652</b>
Loan	<b>\$355,580</b>	Low to Moderate Income Percentage	<b>49.02%</b>
Grant	<b>\$0</b>	Population Served	<b>2,391</b>
Initial RBF	<b>0.62%</b>	County	<b>Union</b>
Final RBF	<b>0.66%</b>	ARPA Project	<b>No</b>

**Project Description:**

Parkers Chapel is located southwest of El Dorado in Union County, Arkansas. The project is intended to replace an existing asbestos cement water line along Haynesville Highway (State Highway 15) with a new PVC water line. The proposed line will be less prone to breakages and leaks than the existing line has been.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$355,580** (includes fee of \$10,357) and a grant in an amount up to **\$0** to the Parkers Chapel Public Water Authority from the Water, Sewer & Solid Waste Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$35,558 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**STATE FUNDED- RECOMMENDED FOR AWARD**

<b>City of DeValls Bluff</b>		<b>\$74,435</b>	
<b>Safe Drinking Water, Schedule 2 – Water Treatment Plant – DW-403</b>		Funding Program	<b>WSSW</b>
Total Project Cost	<b>\$74,435</b>	Median Household Income	<b>\$21,821</b>
Loan	<b>\$74,435</b>	Low to Moderate Income Percentage	<b>58.87%</b>
Grant	<b>\$0</b>	Population Served	<b>619</b>
Initial RBF	<b>1.48%</b>	County	<b>Prairie</b>
Final RBF	<b>1.66%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

This application for \$72,267 is for the EMERGENCY Repair of the existing twin 8’ Diameter Downflow Pressure Filters and One (1) High Service Pump Repair kit at the existing Water Treatment Plant that have failed and are required to remain in service until the NEW WATER TREATMENT PLANT is in full operation prior to December 31, 2026 (3.5 years).

These emergency repairs were previously identified and included in the construction costs in the ADA ARPA safe drinking water application that was awarded 12/2.2022, as DW-403.

It is the intention of the City of DeValls Bluff to acquire the \$72,267 as an ANRC loan, then repay the loan from the DW-403 ARPA Grant Funds, since the City of DeValls Bluff does not have funds liquidity for this EMERGENCY SITUATION.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$74,435** (includes fee of \$2,168) and a grant in an amount up to **\$0** to the City of DeValls Bluff from the Water, Sewer & Solid Waste Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$7,444 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**STATE FUNDED- RECOMMENDED FOR AWARD**

<b>Ozark Acres Public Facilities Board Water System</b>		<b>\$144,691</b>	
<b>Ozark Acres Water System Improvements</b>		Funding Program	<b>WSSW</b>
Total Project Cost	<b>\$574,840</b>	Median Household Income	<b>\$34,651</b>
Loan	<b>\$33,691</b>	Low to Moderate Income Percentage	<b>59.23%</b>
Grant	<b>\$111,000</b>	Population Served	<b>663</b>
Initial RBF	<b>2.15%</b>	County	<b>Sharp</b>
Final RBF	<b>2.15%</b>	ARPA Project	<b>No</b>

**Project Description:**

Ozark Acres is a community located in Sharp County Arkansas The water system consists of two to eight inch water lines, two water supply wells, a water chlorination facility, and a water storage standpipe. The Ozark Acres Water System currently produces all water consumed by the customers.

The Ozark Acres Water System has one primary water supply well and one backup water supply well. The pump in the primary water supply well is currently not pumping properly. This pump needs replaced to ensure the water system has an adequate supply of potable water for the users and ensure the system has redundancy in the event a water supply well is out of service.

The Ozark Acres Water System water supply wells and chlorination facilities do not have backup power. If a power outage occurs the water system will depend on the quantity of water in the storage standpipe for water service. Once this water in the standpipe is depleted, the water system will be without water. A standby generator is needed at the primary will site to provide power to the primary water supply well, primary water chlorination facility, and the standpipe storage facility.

The Ozark Acres Water System experiences a current water loss of 73% in the existing piping. The existing system has a section of piping in the south portion of the distribution system that continually experiences leaks. This section of water line needs replaced to eliminate leaks in the line and reduce maintenance cost cause by repairs of these leaks.

The water system currently utilizes old water meters to meter all water sold to the customers. These meters have exceeded their useful life and do not accurately meter the water. The water system currently contracts out the operation and maintenance of the water system. It takes the water system operator several days each month to read the service meter. These water meters need replaced to ensure proper accuracy of usage and reduce the amount of lost revenue due to inaccurate meters. The meters need to be replaced with cellular read meters to reduce the amount of reading time and allow the operator to spend more time performing maintenance needed on the system.

The proposed water system improvements consist of the replacement of the well pump in the secondary water supply well, installation of a standby generator at the primary water supply well and chlorination facility. In addition, replace the existing water meters with cellular read meters and the replacement of a section of water line to reduce maintenance cost and water loss.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$33,691** (includes fee of \$981) and a grant in an amount up to **\$111,000** to the Ozark Acres Public Facilities Board Water System from the Water, Sewer & Solid Waste Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$14,469 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.



**STATE FUNDED- RECOMMENDED FOR AWARD**

<b>Hardin Public Water Authority</b>			<b>\$843,123</b>
<b>Water System Improvements</b>		Funding Program	<b>WSSW</b>
Total Project Cost	<b>\$3,274,265</b>	Median Household Income	<b>\$39,806</b>
Loan	<b>\$843,123</b>	Low to Moderate Income Percentage	<b>41.46%</b>
Grant	<b>\$0</b>	Population Served	<b>100</b>
Initial RBF	<b>0.99%</b>	County	<b>Jefferson</b>
Final RBF	<b>0.99%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The project will provide additional transmission capacity to the western end of the Hardin system which currently experiences periodic low pressures. The project will also extend water service to approximately 100 residences which presently have no access to a public water system. The project will provide SCADA equipment for monitoring and control of existing water system tanks and pumping stations.

**Recommendation:**

Recommend the Commission approve a loan in an amount up to **\$843,123** (includes fee of \$24,557) and a grant in an amount up to **\$0** to the Hardin Public Water Authority from the Water, Sewer & Solid Waste Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$84,312 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.

**STATE FUNDED- RECOMMENDED FOR AWARD**

<b>City of Paris</b>			<b>\$196,901</b>
<b>Arkansas Highway 309/109 Water Line Relocation – Phase II</b>		Funding Program	<b>WDF</b>
Total Project Cost	<b>\$764,661</b>	Median Household Income	<b>\$34,953</b>
Loan	<b>\$196,901</b>	Low to Moderate Income Percentage	<b>45.62%</b>
Grant	<b>\$0</b>	Population Served	<b>3,176</b>
Initial RBF	<b>0.62%</b>	County	<b>Logan</b>
Final RBF	<b>0.62%</b>	ARPA Project	<b>Yes</b>

**Project Description:**

The Highway 109/309 Water Line, Phase II includes the installation of approximately 4,220 linear feet (LF) of 12", 6", 4", 3", and 2" waterlines. The project replaces approximately 2000 LF of service line for existing customers, 26 water meters, new water valves, and fire hydrant assemblies.

The project cost effectively improves water use efficiency, improves water quality, and reduces water violations for a disadvantaged Arkansas community. The project enables abandonment of 2000 LF of existing cast iron water line and the existing lead service lines which date to the 1940's. This project was originally intended to be jointly funded together with a redesign/update to the Paris Water Treatment Plant which entered the design phase in 2015. After several years of considering all possible solutions to the existing issues faced in the projects, it was determined that moving forward with the construction of a one-million-gallon storage tank for finished water and a three-million-gallon clarifier at the plant would be capable of meeting the daily demands of the system along with future improvements.

This project was originally bid as one project on 6/3/2020 at a cost of \$839,745. The project was separated into two projects due to a funding shortfall on a parallel but unrelated Paris Water Treatment Plant project. Once the project was separated Phase I bid for \$424,465 and Phase II bid for \$415,280.

Phase I was completed in July of 2022 for \$550,000, including 3 change orders for increasing cost of materials. Phase II is estimated to cost \$765,000. This project has been approved by the State Health Department and is ready to be advertised for bid with construction to follow contract award.

This project is located in Paris, Arkansas, along Arkansas Highway 309/109. The 2020 Census indicated Paris had a population of 3,176, which was a decrease of 10% from 3,532 in 2010 according to the U.S. Census Bureau.

This project will improve the overall smell, taste, and color of the water to the consumers by replacing this 80-year-old cast iron transmission/distribution main. This segment of work is located at the beginning of the water system and the water moving through this line has a direct effect on the aesthetics of the water in the entire system.

Also, violations related to elevated MCL's will be reduced in part due to the increased flow rates of the new transmission/distribution line. This will reduce areas of stagnated water in the system and remove 26 lead service lines along the project route. The new main will also reduce the number of required boil orders and line shutdowns related to leaks and repairs on the old line. This project along with other future projects will

allow the city to remove lead/copper service lines and replace old cast iron main to help reduce or eliminate the safe drinking water violations.

Recommendation:

Recommend the Commission approve a loan in an amount up to **\$196,901** (includes fee of \$5,735) and a grant in an amount up to **\$0** to the City of Paris from the Water Development Fund. If approved, the executive director will establish any necessary terms and conditions.

Authorize the executive director of the commission division the discretionary authority to increase the amount of financial assistance to the applicant for bid overruns by an amount up to 10% of the commission funding amount \$19,690 without returning to the commission for approval. Such increase in financial assistance shall be granted only after consultation with the commission chairman. Any financial assistance increases pursuant to this section shall be reported to the commission in its entirety at the next regularly scheduled commission meeting.