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# State of Arkansas



NATURAL RESOURCES  
DIVISION

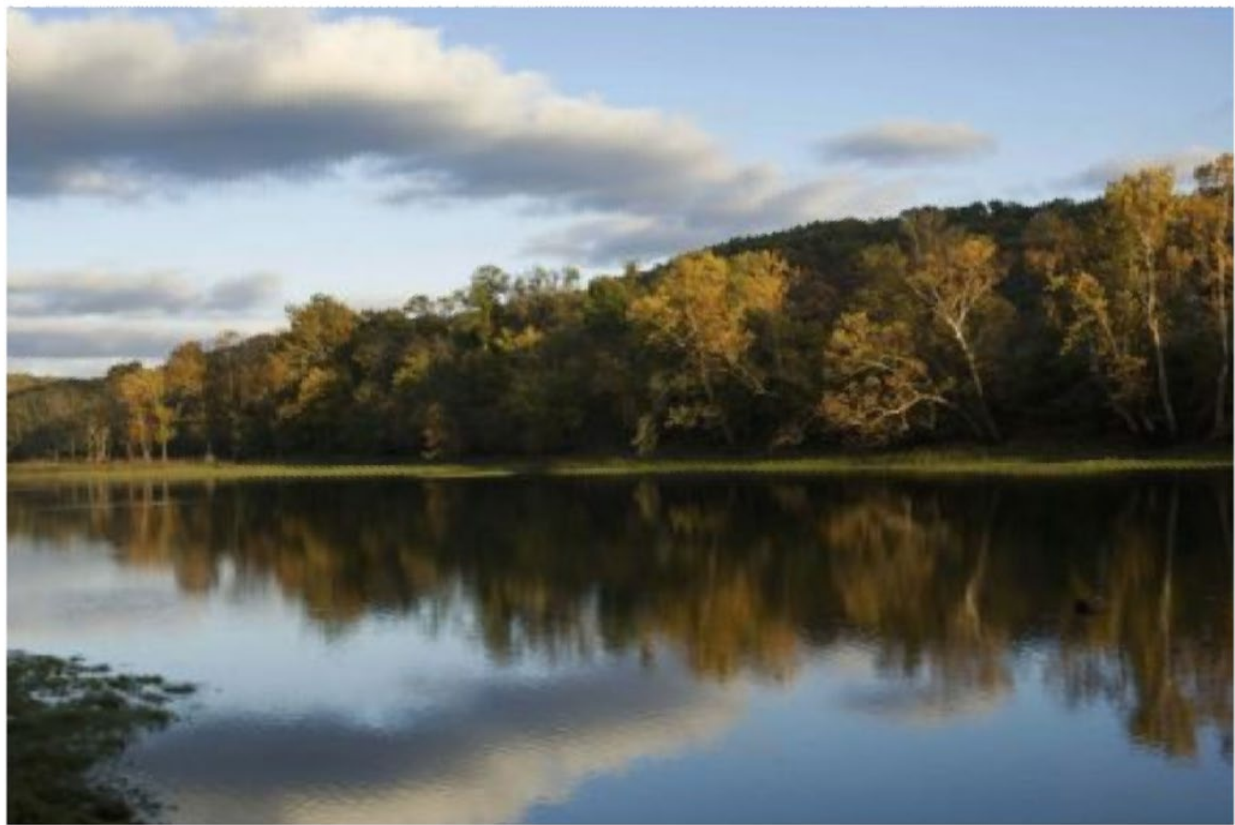
## Arkansas Natural Resources Commission And Arkansas Department of Health

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### Safe Drinking Water Fund and State Revolving Loan Fund Program SFY 2021 Annual Report (July 1, 2020 – June 30, 2021)

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## **I. List of Abbreviations**

ADFA	Arkansas Development Finance Authority
ADH	Arkansas Department of Health/Division of Engineering
ANRC	Arkansas Natural Resources Commission
DWSRF	Drinking Water State Revolving Loan Fund - also known as SDWF
EPA	Environmental Protection Agency
IUP	Intended Use Plan (for the SRF federal capitalization grant)
PWSSP	Public Water System Supervision Program (State)
SDWF	Safe Drinking Water Fund - also known as DWSRF
SFY	State Fiscal Year (from July 1-June 30 of each year)
SRF	State Revolving Fund
SSAF	State Set-Aside Fund
SWAP	Source Water Assessment Program (State)
USGS	United States Geological Survey
WWAC	Water-Wastewater Advisory Committee



## **II. Introduction**

The State of Arkansas hereby submits its Annual Report for the Drinking Water State Revolving Fund (DWSRF) program for State Fiscal Year (SFY) 2021, July 1, 2020, through June 30, 2021. This report addresses operation of the DWSRF, describes the progress made toward the long and short-term program goals, and details the activities undertaken to reach the goals and objectives set forth in the 2021 Intended Use Plan (IUP).

The State of Arkansas through Act 772 of 1997 established the Safe Drinking Water Fund (SDWF/DWSRF), to be administered by Arkansas Natural Resources Commission, (ANRC). In April 1996, ANRC Title XV established the rules governing the SDWF.

Responsibilities for the DWSRF program are divided among the ANRC, the Arkansas Department of Health/Division of Engineering (ADH), and the Arkansas Development Finance Authority (ADFA). Under the Interagency Memorandum of Understanding between ANRC and ADH, ANRC administers the loan fund and the administrative set-aside portion of the DWSRF. ADH, as primacy agent for the State's Public Water System Supervision Program (PWSS), has oversight of DWSRF, develops the comprehensive project priority list, and administers the remaining set-aside portions of the DWSRF. Fiscal responsibilities for the Program reside with ADFA.

Arkansas submitted its SFY 2021 IUP to the Environmental Protection Agency (EPA) in September 2020 and an amended SFY 2021 IUP in February 2021. The EPA approved the Intended Use Plan on September 17, 2020.

The Intended Use Plan for SFY 2021 includes ANRC short-term and long-term goals that meet the four basic goals for the program. Those goals are:

Goal 1 - to ensure public health protection

Goal 2 - to comply with the Safe Drinking Water Act

Goal 3 – to ensure affordable drinking water

Goal 4 – to maintain the long-term financial health of the SDWF



### **III. Projects and Available Assistance**

The DWSRF program expected to disburse approximately \$40 million to projects in SFY 2021. During SFY 2021 the program disbursed \$51.6 to projects. In addition, set aside expenditures were estimated at approximately \$4.4 million (this includes the administration set aside) to provide assistance to communities as well as to provide administration funding for both the Water Division and the ADH. A total of \$ 5.1 million was expended in SFY 2021 for set asides, including the administration set aside ([Chart 4](#)).

ANRC expended \$614,700 in federal funds to administer the program. Detailed information pertaining to set aside expenditures managed by ADH can be found in the Arkansas Department of Health Annual Report, attached as [Appendix C](#).

### **IV. GOALS**

The Arkansas Drinking Water Program is an integrated and centralized program funded by the Drinking Water State Revolving Fund, Public Water System Supervision and state funding. The primary focus of the program is to achieve public health protection and rule compliance. All mandatory and voluntary program elements, (i.e., technical assistance, capacity development, source protection, rule implementation, enforcement, etc.) are coordinated to assure this end.

#### **A. PROGRESS TOWARD SHORT-TERM GOALS**

##### **1. Arkansas anticipated thirty-two (32) binding commitments for a total of \$72.6 million.**

Of the thirty-two (32) projects listed on the 2021 IUP fundable list twenty-eight (28) projects had loan closings, including one that actually closed in June 2020. An additional two projects not on the fundable list had loan closings for a total of \$1.5 million in new commitments. Total binding commitments for SFY21 totaled \$68,012,474.00 ([Chart 2](#)).

The four (4) projects that failed to have a loan closing prior to June 30, 2021, were unsuccessful in meeting required milestones, which prevented their ability to proceed to loan closing.

The projects that did not close were unable to meet required milestones before signing a bond purchase agreement and subsequent loan closing. However, the following projects had a loan closing between July and October 2021: Mitchellville (L), Mitchellville (PF), Reed (PF).

##### **2. Arkansas anticipated ten (10) binding commitments for eight (8) projects that would include components that meet green project reserve requirements.**

Arkansas signed nine (9) binding commitments for eight (8) projects that included green eligible components during SFY 2021 ([Chart 2](#)). The Division disbursed \$7 million for Green Project Reserve in State Fiscal year 2021.

- 3. Arkansas anticipated eleven (11) projects will meet the add sub requirements and up to two (2) of those projects that will receive Disadvantaged Funds in the form of principal forgiveness.**

Arkansas signed ten (10) binding commitments for eligible for principal forgiveness projects including two (2) eligible for disadvantaged funds as principal forgiveness ([Chart 2](#)). The Division disbursed \$4.4 million for principal forgiveness in State Fiscal year 2021.

- 4. Complete set-aside work plans specifying funds from the capitalization grant. (Target Completion: Within 90 days of grant award)**

The 2020 Cap Grant was awarded on September 4, 2020. ADH submitted the work plan set asides (excluding administration) to EPA Region 6 in November 2020.

- 5. Arkansas ADH will continue to utilize the State Program Management set-aside to a portion of the implementation of the State Public Water Supply Supervision Program plan effort. This will include activities in this fiscal year such as: review and approval of 200 (goal) plans and specifications, logging and tracking of 1400 (goal) plan submissions, 250 (goal) sanitary surveys, technical assistance to Public Water System Supervision in a variety of ways, and other implementation activities.**

Progress toward achieving this goal is detailed in the Arkansas Department of Health Annual Report, attached as [Appendix C](#).

- 6. Arkansas will continue to screen projects using the Project Priority System to assure the Safe Drinking Water Acts overall goals are given priority in the DWSRF program. The goal for this fiscal year is to have at least 30 projects on the Project Priority List.**

The ADH is responsible for developing the Priority System. They have developed a system that includes factors for projects that:

- a) address the most serious risk to human health,
- b) are necessary to ensure compliance with the requirements of the Safe Drinking Water Act, and
- c) assist systems most in need on a per household basis according to State affordability criteria.

The Priority System Questionnaire is sent to each Public Water System (PWS) in the state annually. The questionnaire describes the Priority System used by the Drinking Water State Revolving Fund program and lists the point values assigned to each category in the Priority System. The ADH sends the questionnaire to the Public Water Systems so they can add new projects to the Priority List. The ADH evaluates the questionnaires that are returned and assigns point values to the various categories. A project's total points are used to determine the project's ranking. The more points that a project receives, the higher it is placed on the priority list. The new projects are added to the projects which were not funded from the previous Priority List, and a new Priority List is assembled.

The only way a project can be placed on the Priority List is by an entity submitting a questionnaire for the project. Since submitting the questionnaire is a voluntary task, only projects that expect to be funded by the Drinking Water State Revolving Fund program are listed on the Priority List. Once the ADH prepares the Priority List, it is the Water Division's responsibility to create a Fundable List from the Priority List. The amended SFY 2020 IUP included 137 projects on the priority list.

- 7. The Division will apply for the federal cap grant funds in the first year that they are appropriated.**

Arkansas applied for the FFY 2020 Cap grant within the first year and it was awarded on September 4, 2020. Furthermore, the FFY 2021 Cap grant application was submitted within the first year and was awarded on September 1, 2021.

- 8. Arkansas will continue to implement the State capacity development program strategy at no cost to entities. A vital element of this program is the technical assistance contracts provided under the Small System Technical Assistance and/or Local Assistance Set-aside. These were restructured slightly to focus more on direct assistance to the systems. SFY 2021 goals for these contracts are 1500 hours of on-site technical assistance including AWOP activities**

Progress toward achieving this goal is detailed in the Arkansas Department of Health Annual Report, attached as [Appendix C](#).

- 9. Arkansas plans to increase public knowledge of the Drinking Water Revolving Loan Fund through Facebook posts about program success stories and participation in conferences relevant to eligible projects and promotion through the utilization of marketing material available from EPA. Additionally, Arkansas will seek opportunities and provide incentives to promote the Drinking Water Revolving Loan Fund**

ANRC implement Facebook participation for the SRF programs and has consistently increased presence on the Natural Resources Division Face Book page. Unfortunately, due to staff turnover our presence has not increased as much as anticipated. New staff is now in place, and we are working towards an increased presence on the Division Face Book page.

- 10. Arkansas plans to reach out to municipalities on the compliance list, available through Enforcement and Compliance History Online (ECHO), to offer information not only on funding opportunities, but assistance with the application process. The intention of application process assistance is to reduce challenges and provide positive applicant response**

Unfortunately, ANRC was unable to meet this goal due to staff turnover and the impacts of COVID-19. The new SRF Program Outreach Coordinator resigned and with COVID-19 the program was unable to immediately advertise for a replacement. The position has been advertised and a new staff started in October 2021.

- 11. The program has an approved work assignment for streamlining assistance, under an existing EPA contract. The, the assessment and corresponding final report will be completed no later than October 31, 2020.**

The final program management report was received in February 2021. Several components of the report were useful in the streamlining process. However, the report was not received in time to assist in modification of processes and procedures for implementation of the new loan and project software. The software is scheduled to implement state funded programs in October 2021 and the SRF programs in January 2022. A total of \$62,500 of federal funds, EPA in-kind, was expended in SFY 2021for this contract.

- 12. The program will review the final report resulting from #11 and consider an additional work assignment, under an existing EPA contract, to assist with implementation activities defined in the report.**

The Currently, the Division is not considering an additional work assignment.

## **B. PROGRESS TOWARD LONG-TERM GOALS**

Through their affiliation with the Water/Wastewater Advisory Committee (WWAC), the Division and the Arkansas Department of Health (ADH) continue to work together to address Safe Drinking Water Act compliance issues. The WWAC is a body composed of representatives from four State Agencies and United States Department Agriculture-Rural Development. It was established by the Governor to coordinate state and federal funding, provide technical feasibility and regulatory reviews. WWAC members work together in coordinating funding and extending water quality standards and compliance. This Committee also provides a forum to communicate the availability of Revolving Loan Funding to cities and communities.

### **1. Maintain the fiscal integrity of the DWSRF and assure a continuous enhancement of the loan fund for future generations.**

The Drinking Water State Revolving Fund is managed on a day-to-day basis to assure that funds are available to make qualified loans. The Program undergoes an annual audit by independent auditors to further assure its integrity.

The two terms that the Division modifies when it makes loans to entities are the Lending Rate and the Repayment Period.

The State has other funding options to assist communities unable to meet Drinking Water State Revolving Fund loan requirements when necessary. Each prospective project undergoes a financial analysis to determine financial capability before a loan is granted.

### **2. Maintain the fund in perpetuity by protecting the principal that has been and continues to be deposited into the DWSRF program.**

As required by EPA regulations to ensure perpetuity, principal repayments and interest are deposited into the Fund. The perpetuity of the program is represented in [Appendix B](#).

The one percent (1%) financing fee is deposited outside the Fund to cover additional expenses. Arkansas Natural Resources Commission realizes these funds are restricted by the Drinking Water regulations and Arkansas Natural Resources Commission does and will continue to use these funds in compliance with those regulations.

### **3. Provide entities with a source of long-term, low-interest financing that will allow them to protect their customers' health and comply with the Safe Drinking Water Act.**

Through ANRC's affiliation with the Water/Wastewater Advisory Committee (WWAC), the Division and ADH work together to address Safe Drinking Water Act compliance issues. The WWAC is a body composed of representatives from four State Agencies and United States Department Agriculture-Rural Development and was established by the Governor of the State to coordinate state and federal funding, provide technical feasibility and regulatory reviews. WWAC members work together in coordinating funding and extending water quality standards and compliance. It also provides a forum to communicate the availability of RLF funding to cities and communities.

The servicing fee is currently set at 1.0%; the interest rate is the difference between the Lending Rate and the servicing fee. The servicing fee is the same for all projects, so the interest rate changes as the Lending Rate changes. Due to the falling interest rates, ANRC adjusted the rates on August 30, 2019 (see [Lending Rates](#))



**4. The Division will meet the growing demand for the DWSRF program by leveraging the Fund when the demand exceeds the current revenue streams.**

The Division did not leverage the program in SFY 2021. Instead, the focus was on marketing the program to increase fund utilization.

ANRC staff attended, presented, or staffed a booth at the following:

- Arkansas Municipal League - Meet the funders - presentation on funding for water & sewer infrastructure
- CIFA workshop - streamlining processes for SRF - virtual presentation
- Beaver Watershed Alliance - alliance speaker series (NPS & Watershed protection)
- AR Municipal League - Special Edition of "Meet the Funders" –
- Emergency Funding for Water Infrastructure Impacted by Recent Winter Weather
- Partnering to Manage Arkansas' Water Resources - virtual presentation
- Arkansas Society Professional Engineers (ASPE) Conference - virtual presentation
- AR Municipal League-ARPA Clarification on Water & Sewer Infrastructure -virtual presentation
- AR Municipal League - Annual meeting – virtual presentation
- Hypoxia Task Force - CWSRF NPS Ag Loan Program overview -virtual presentation.

During the SFY 2021, ANRC engaged in several SRF marketing opportunities such as water and wastewater conferences, association meetings, conventions, summits, and conferences. These events allowed direct and personal presentations enabling ANRC to showcase the SRF program with the borrowing sector. These various summits and association conferences allowed ANRC to strategically interact with potential borrowers including engineering firms, city officials, and utility decision-makers.

Additional marketing strategy has included making personal visits to municipalities and utilities as well as telecommunications to prospective clients informing them the SRF program is a well-established and economical funding vehicle to utilize, resulting in cost savings for their customers.

The impacts of COVID-19 on outreach opportunities have been variable, some opportunities have increased because virtual opportunities have become available. On the other hand, some of the larger conventions were cancelled in the last four months of SFY20.

**5. Arkansas will continue to implement the Public Water System Supervision Program in conformance with its Primacy commitments.**

Progress toward these goals is described in the Arkansas Department of Health Annual Report, attached as [Appendix C](#).

**6. Arkansas will continue to implement the State source water assessment/protection program**

Progress toward these goals is described in the Arkansas Department of Health Annual Report, attached as [Appendix C](#).

**7. Arkansas will continue to implement the State capacity development program strategy.**

Progress toward these goals is described in the Arkansas Department of Health Annual Report, attached as [Appendix C](#).

- 8. The Division will maximize the number of entities meeting the Safe Drinking Water Act requirements by combining the DWSRF program with other State and Federal funding programs.**

Arkansas continues to combine the Drinking Water State Revolving Fund program with other State and Federal funding programs when beneficial. Through WWAC meetings, the Division and the ADH continue to work towards funding eligible projects. WWAC members work together in coordinating funding and extending water quality standards and compliance. This Committee also provides a forum to communicate the availability of Revolving Loan Funding to cities and communities.

- 9. Arkansas will make every effort to expend funds within two (2) years of cap grant award, continuing to expend all funds in an expeditious and timely manner.**

Currently, ANRC has both the 2019 and 2020 Cap Grants with unexpended federal funds. The 2019 Cap Grant was awarded on September 11, 2019, and the 2020 Cap Grant was awarded on September 4, 2020. ANRC is working to expend the remaining funds as soon as possible. However, this is contingent upon the projects with principal forgiveness proceeding as expected and meeting project milestones.

### **C. PROGRESS TOWARD ENVIRONMENTAL RESULT GOALS**

**Output 1 – Provide thirty-two (32) loans to water systems.**

**Output 2 – Enter into binding commitments with twenty-one (21) small systems and six (5) large systems during this fiscal year.**

Of the thirty-two (32) projects listed on the 2021 IUP fundable list, twenty-eight (28) loans were closed during SFY 2021. Of the twenty-eight (28) closed, four (4) were to large systems and fourteen (14) were to small systems.

The four (4) projects that failed to have a loan closing prior to June 30, 2021, were unsuccessful in meeting required milestones, which prevented their ability to proceed to loan closing.

The projects that did not close were unable to meet required milestones before signing a bond purchase agreement and subsequent loan closing. However, the following projects had a loan closing between July and October 2021: Mitchellville (L), Mitchellville (PF), Reed (PF).

**Output 3 – Arkansas Department of Health also contracts to work with small systems. Goals for these contracts include two eight-hour training courses, 24 one-hour group training sessions and three CPEs**

ADH staff compile wellhead protection delineation reports by conducting field visits and verifying well construction and hydrogeologic data, calculating wellhead protection area radii and compiling GIS geodata bases for completion of maps. ADH staff work directly with public water systems to implement improved source water protection plans/programs and to meet Substantial Implementation status as defined by Arkansas. The goal is that 50% of community water systems to have substantially implemented source water protection programs.

Progress toward output 3 is described in the Arkansas Department of Health Annual Report, attached as [Appendix C](#).

## **V. Sources and Uses of Funds**

### **A. SOURCES OF DRINKING WATER STATE REVOLVING FUNDING**

#### **1. Capitalization Grants**

EPA has awarded Arkansas a total of \$303,071,300 in federal capitalization grants through the 2020 cap grant, including the ARRA capitalization grant in the amount of \$24,485,000.

#### **2. State Match**

Total State Match required through SFY 2021 (2020 Cap Grant) totaled \$59,030,460, of which \$3,313,200 in state match, for the 2020 Cap Grant, was deposited during SFY2021 ([Chart 5](#)).

#### **3. Leveraging of the Drinking Water State Revolving Fund**

The Drinking Water State Revolving Fund was leveraged for the first time in November 2011. Arkansas leverages periodically to increase the funds available for assistance. Arkansas did not leverage the Drinking Water program in SFY 2021.

#### **4. Cash Draw Ratio Proportionality**

Arkansas disburses 100% State Match prior to requesting federal funds. Once the State Match is fully disbursed, then Arkansas will draw 100 % federal funds. This is because Arkansas is prohibited from disbursing State Match in any of the forms used for Additional Subsidization. As long as federal funds are required to be spent on Additional Subsidization, Arkansas will continue with this cash draw policy.

#### **5. Principal Loan Repayments & Interest Earnings**

Drinking Water State Revolving Fund received a total of \$14,888,730 in principal loan repayments, \$2,536,641 in interest on outstanding loans; and \$191,655 in interest earnings on investments.

#### **6. Lending Rates**

ANRC reviews the rates annually, reviewing market interest rate trends to determine if RLF lending rates should be adjusted. The servicing fee is currently set at 1.0%; the interest rate is the difference between the Lending Rate and the servicing fee. The servicing fee is the same for all projects, so the interest rate changes as the Lending Rate changes. Due to the falling interest rates, on August 30, 2019, ANRC set the lending rates as follows:

- 1.00% for a ten (10) year repayment period (0% interest, 1% fee)
- 1.75% for a twenty (20) year repayment period (0.75% interest, 1% fee)
- 2.25% for a thirty (30) year repayment period. (1.25% interest, 1% fee)

Arkansas varies the Lending Rate in this manner to encourage repayment of the loans as quickly as possible to make funds available in the program to fund additional projects. The 1% service fee is placed into an account which is outside the Drinking Water State Revolving Fund ([Administrative Fee Account](#).)

## **B. USES OF DRINKING WATER STATE REVOLVING FUNDS**

ANRC used Drinking Water State Revolving Funds to make loan disbursements of \$51,506,393.79 to water projects under construction. Of this amount, Federal funds of \$7,225,934 and State funds of \$3,313,200 were disbursed to loan recipients.

### **1. Loan Assistance Status**

In this reporting period, Arkansas Natural Resources Commission, closed thirty-three (33) loans; see [Chart 2](#) for additional details.

### **2. Binding Commitments**

During the year binding commitments totaled \$68,012,474, with de-obligations totaling \$1,072,202 for a net increase in binding commitments of \$66,940,271 which increased the adjusted cumulative total to \$420,904,171. The percentage of actual binding commitments to required binding commitments increased as compared to SFY 2020, at 167% ([Chart 3](#)) by the end of the fiscal year. The Division has defined the Binding Commitment as the date the Bond Purchase Agreement (BPA) is signed by all parties.

### **3. Projects Bypassed**

Entities listed ahead of the projects funded in SFY 2021 were ineligible due to an inability to repay, elected a different loan source, or were not ready to proceed. ANRC has sufficient funds available; therefore, a project that was bypassed ([Chart 7](#)) may return and receive funding in the future.

### **4. Small Systems**

Under Section 1452(a)(2) of the 1996 Amendments to the Safe Drinking Water Act (SDWA), fifteen percent (15%) of state loan funds are to be available for loans to small water systems (population less than 10,000).

In SFY 2021 twenty-six (26) agreements for seventeen (17) projects qualify as a small system. The cumulative amount of loans to small systems totals \$205,253,691, which is 49% of total binding commitments ([Chart 2](#)).

### **5. Disadvantaged Community Systems**

The State's Drinking Water State Revolving Fund program for disadvantaged communities now provides additional subsidies for loans and has a provision to offer an extended term from 20 to 30 years. Two (2) of the thirty-three (33) loans closed qualified as disadvantaged. The cumulative amount of loans to disadvantaged systems totals \$148,235,760 which is 42% of total binding commitments. ([Chart 2](#))

### **6. Set-Aside Activity**

The set-aside categories are managed by both the Arkansas Natural Resources Commission, Natural Resources Division and the Arkansas Department of Health. The set-aside for administration is managed by the ANRC, the remaining set-asides are managed by the ADH for implementing the State Public Water System Supervision Program.

A total of \$614,700 in annual expenses were funded from the 4% set-aside for Drinking Water State Revolving Fund administration set aside during SFY 2020 ([Chart 4](#)). In addition, ADH expended \$3,159,414 in federal funds for program administration and other set-aside expenditures for the fiscal year ([Chart 4](#)).

Total set aside federal expenditures for SFY 2021 totaled 3.7 million with an additional \$62,500 expended in EPA in-kind funds.

The annual report of the Arkansas Department of Health presents progress and expenditures for set-asides covering state program management, technical assistance, and local assistance/other state programs ([Appendix C](#)).

### **C. ADMINISTRATIVE FEE ACCOUNT**

Any fees charged by Arkansas to recipients of assistance that are considered program income will be used for the purpose of financing the cost of administering the fund, financing projects or activities eligible for assistance from the fund or providing state match for capitalization grants.

Arkansas deposits these fees into an account that is held outside the DWSRF. On June 30, 2021, available funding in this account totaled just over \$8.4 million.

### **D. FINANCIAL SUMMARY**

The overall financial position and operation results of the Drinking Water State Revolving Fund continue to improve as indicated in the financial data in [Appendix B](#).

The accounting firm of Frost, PLLC Certified Public Accountants is conducting an independent audit of the Drinking Water State Revolving Fund for SFY 2021. GASB Statement No. 34 with its amendments, commonly referred to as the new reporting model, was implemented for year end June 30, 2002. Supplementary information, Management's Discussion and Analysis will be included in the report. An electronic copy of the audit will be provided to EPA when it becomes available.

#### **1. Status of Loans**

As of June 30, 2021, the Drinking Water State Revolving Fund has funded a total of \$420,904,171 in binding commitments ([Chart 3](#)). Loans receivable, which constitute the major portion of Drinking Water State Revolving Fund assets, had an ending balance of \$153,373,339 ([Appendix B-1](#)).

#### **2. Loan Disbursements**

Arkansas disbursed a total of \$51,506,393 during this reporting period. Of the total disbursed, federal funds of \$7,225,934 were disbursed.

#### **3. Annual Repayment/Aging of Accounts**

Approximately \$14.5 million in principle was repaid in SFY 2021. ANRC had nine (9) loan delinquencies in SFY 2020.

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#### **4. Loan Portfolio Analysis**

Entity	Delinquent Amount	Due Date
East Prairie	8,891.00	Apr-19
East Prairie	8,891.00	Oct-19
East Prairie	8,891.00	Apr-20
East Prairie	8,891.10	Oct-20
East Prairie	8,891.00	Apr-21
East Prairie	2,963.67	Jun-21
East Prairie	4,445.55	Jan-20
Thornton	9,296.15	Oct-18
Thornton	35,911.50	Apr-19
Thornton	35,911.50	Oct-19
Thornton	35,911.50	Apr-20
Thornton	35,911.50	Oct-20
Thornton	35,911.50	Apr-21
Thornton	11,970.50	Jun-21
Mount Ida	8,548.24	May-21
Dermott	30,108.38	Jun-21
Helena-W. Helena	70,694.98	Apr-20
Bryant	35,887.27	Jan-20
Walker Water	687.02	Apr-21
Walker Water	1,277.89	Jun-21
Midway	1,080.97	May-21
Prescott	250.09	Apr-21
Hickory Ridge	5,744.10	Jun-21
<b>Total</b>	<b>406,967.41</b>	

Arkansas conducts an annual review of its loan portfolio. Loans that are potentially weak are identified and tracked closely to ensure that conditions are not deteriorating. The assessment process measures the level of funding given to systems by credit quality category as measured by bond rating. Currently our loan portfolio is rated AAA.

#### **5. Investments**

During the year, investments were made by the Arkansas Development Finance Authority and consisted of excess account balances invested in governmental funds.

#### **6. Environmental Results**

In accordance with “EPA’s Environmental Results under EPA Assistance Agreements, Order No. 5700.7”, which became effective on January 1, 2005, ADH describes the outcome of the output goals in [Appendix C](#).

#### **7. Transfer**

In the SFY 2020 Arkansas Intended Use Plan, Arkansas reserved the authority to transfer up to thirty-three percent (33%) of the Drinking Water State Revolving Fund capitalization grant to the Clean Water State Revolving Fund allotment. These funds would have been transferred from Drinking Water construction to Clean Water construction and would not affect the total amount available for set-asides. Arkansas did not transfer funds during SFY 2020.

## **E. COMPLIANCE WITH OPERATING AGREEMENT AND GRANT CONDITIONS**

Arkansas revised its Operating Agreement for the Drinking Water State Revolving Fund and submitted it to EPA on October 13, 2010. Arkansas has met and continues to be in compliance with the following conditions as described in the grant conditions:

- Establish state instrumentality and authority.
- Comply with applicable state laws and procedures.
- Review technical, financial, and managerial capacity of assistance recipients.
- Establish Drinking Water State Revolving Fund loan account, set-aside account, and administration account.
- Deposit all funds in appropriate accounts.
- Follow state accounting and auditing procedures.
- Require that Drinking Water State Revolving Fund loan recipient accounting and auditing procedures be in accordance with generally accepted accounting principles and OMB Super Circular (formerly Circular A-133).
- Submit Intended Use Plan and use all funds in accordance with the plan.
- Comply with enforceable requirements of the Act.
- Establish capacity development authority.
- Implement/maintain system to minimize risk of waste, fraud, abuse, and corrective action.
- Develop and submit project priority ranking system.

### **1. Federal Payment Schedule**

Payments have been received from EPA's payment system in accordance with the payment schedule included in the grant awards ([Chart 3](#)).

### **2. Deposit State Matching Funds**

Arkansas provided state match in the amount of \$3,313,200 in SFY 2020 ([Chart 5](#))

### **3. Submit Biennial Report and Annual Audit**

Arkansas chose to submit an annual report to the Environmental Protection Agency rather than a biennial report. This report is submitted to satisfy this condition.

The SFY 2021 annual audit conducted by Frost, PLLC, is in progress. A copy of the audit will be provided to EPA when it becomes available.

### **4. Assure Borrowers Have a Dedicated Source of Repayment**

Arkansas Natural Resources Commission, Natural Resources Division staff conducts a credit review evaluation for all State Revolving Fund loan applicants. This evaluation determines whether an applicant has the ability to repay a loan. For all applicants, the expected revenue stream from user fees must be sufficient to repay the loan, pay operation and maintenance costs, and pay for other necessary expenses.

## **5. Use Funds in Timely and Expeditious Manner**

Arkansas has binding commitments for one hundred percent (100%) of all available loan funds through the FY2021 capitalization grant (FS986001-24). Public water systems with binding commitments are moving in an expeditious and timely manner to start construction. Arkansas Natural Resources Commission monitors construction progress through bimonthly staff project review and monthly on-site inspections to ensure that operations are initiated according to schedule and funds are drawn in a timely and expeditious manner.

## **6. Ensure Recipient Compliance with Applicable Federal Cross-Cutting Authorities**

Arkansas and all its assistance recipients have complied with all applicable federal cross-cutting authorities. The State applied the Good Faith Efforts in an attempt to achieve the negotiated fair share objectives.

## **7. Fair Share Objectives (MBE – DBE)**

The State applied the six affirmative steps described in 40 CFR, Section 33.301, in an effort to achieve the negotiated fair share objective.

Documentation to support the good faith efforts are closely reviewed by the Division DBE Coordinator. All construction project bid packages as well as procurement of professional services, supplies and equipment purchases are closely monitored to determine if the affirmative steps were followed. These documents are maintained in the Division's Environmental Specialist's files, or the project file maintained by the project administrator. All required reports were submitted to EPA offices on or before the due date:

Reporting period October 1, 2020 to September 30, 2021:

4B. Total Procurements & MBE/WBE Accomplishments This Reporting Period (in dollars)

	Construction	Non-Construction	Total
Total Procurement:	\$ <u>8,327,516.96</u>	\$ <u>3,271,589.42</u>	\$ <u>11,599,106.00</u>
MBE/WBE Combined Procurement:	\$ <u>90,183.00</u>	\$ <u>103,219.40</u>	\$ <u>193,401.60</u>

## **8. Conduct Environmental Reviews**

The public water system projects receiving assistance during SFY 2020 were reviewed and approved using the state's environmental review procedures. [Chart 2](#) shows the environmental reviews that were conducted and the results of each review.

## 9. FFATA Reporting

Reporting Subawards and Executive Compensation under Federal Funding Accountability and Transparency Act (FFATA) set forth in the General Condition pass-through entity's agreement with EPA entitled "Reporting Subawards and Executive Compensation."

<b>98600123 - 2020 Cap Grant (09/04/2020) - Less in-kind of \$0.00</b>						
<b>\$16,566,000.00</b>		<b>Loan #</b>	<b>Bond Agreement Date</b>	<b>FATA Report Month</b>	<b>Date Submitted on FSRS</b>	<b>DUNS #</b>
Siloam Springs	\$16,566,000.00	01267-DWSRF-L	11/19/20	Dec-20	04/23/2021	137993861
Total Submitted:		\$16,566,000.00	\$16,566,000.00	0.00	Amount Over/(Under) Reported	

## **VI. Appendix A - Program Charts**



## **Chart 1 – Sources and Uses**

<b><u>SOURCES OF FUNDS</u></b>		
Beginning Balance (06/30/2020)	\$	77,487,444.57
<b><i>State Fiscal Year 2021</i></b>		
2018 Federal Cap Grant Balance <i>(Construction &amp; Set Asides)</i>		1,844,396.50
2019 Federal Cap Grant Balance <i>(Construction)</i>		16,005,037.78
2020 Federal Cap Grant Balance <i>(Construction)</i>		16,566,000.00
2020 Federal Cap Grant - State Match		3,313,200.00
Principal Repayments		3,313,200.00
Interest on Investments		191,655.00
Interest on Loans		2,536,641.00
<b>Sub Total</b>	<b>\$</b>	<b>43,770,130.28</b>
<b>Total Sources of Funds</b>	<b>\$</b>	<b>121,257,574.85</b>
<b><u>USES OF FUNDS</u></b>		
<b><i>DWSRF Loan Commitments for SFY 2021</i></b>		
Consttuction Disbursements	\$	51,506,393.00
ANRC Approved Loans <i>(not closed)</i>		39,096,181.00
ANRC Approved Loans <i>(closed, undisbursed funds)</i>		43,935,611.61
<b>Sub Total</b>	<b>\$</b>	<b>134,538,185.61</b>
<b><i>DWSRF Set-Aside Programs for SFY 2021</i></b>		
Administration		614,700.82
Administration - EPA In Kind		62,500.00
Small System Technical Assistance		-
State Program Management		1,057,272.93
Wellhead		637,067.05
Capacity Development Program (CD)		1,465,074.61
<b>Sub Total</b>	<b>\$</b>	<b>3,836,615.41</b>
<b><i>Debt Service Obligations SFY 2021</i></b>		
Leveraged Bond Principal		13,150,000.00
Leveraged Bond Interest		598,988.00
<b>Sub Total</b>	<b>\$</b>	<b>13,748,988.00</b>
<b>Total Uses of Funds</b>	<b>\$</b>	<b>152,123,789.02</b>
<b>Available Funds</b>	<b>\$</b>	<b>(30,866,214.17)</b>
<i>Fees are not deposited into the Fund; therefore, based on EPA guidance they are not included in the Sources and Uses for the Fund</i>		

Chart 2 – Loan Closings

NO.	Project Name Communities Served	Project Description	Project Number	Loan Number	Loan Closing Date	Loan Closing Amount	Additional Subsidy	*Green Project Reserve	Estimated Disbursement Cut-Off Date	Estimated Loan Maturity Date	Combined Lending Rate	Term	Population Served (Project)	Categorical Exclusion or FONSI	**Small Systems (Population < 10,000)	Disadvantage d Community
1	Carlisle (L)	Meter Replacement	004-128	1203	8/29/2019	393,000		393,000	Oct-20	Aug-2031	0.50%	10	2,214	CE	393,000.00	
2	CAW #4- Ozark Point (ADFA #5) (L)***	Structural rehab of flocculation and sedimentation basins, and clear wells at the Ozark Point pump station.	004-022	1077	9/9/2019	34,500,000		34,500,000	Apr-23	Sep-2041	2.50%	20	43,890	CE		
3	CAW #6 (L)	Consolidation of Paron Owensville Water Association (POWA) with Central Arkansas Water	004-179	1263	6/1/2020	6,050,000			Oct-22	May-2032			330,667	CE		
4	Crossett (L)	Meter Replacement	004-107	1183	12/18/2019	1,600,000			Apr-21	Dec-2031	0.50%	10	8,038	CE	1,600,000.00	1,600,000
5	Danville (L)	Meter Replacement	004-137	1214	2/19/2020	500,000			Apr-21	Feb-2032	0.50%	10	2,810	CE	500,000.00	
6	E Johnson County (L)	Meter Replacement	004-129	1204	10/24/2019	575,000		575,000	Oct-21	Oct-2031	0.50%	10	4,210	CE	575,000.00	
7	Emerson (L)	Meter replacement	004-161	1238	5/28/2020	344,700				May-2032	1.50%	10	1,145	CE	344,700.00	
8	Frenchport Water Assoc (L)	Meter Replacement	004-138	1215	12/17/2019	354,100			Jun-21	Dec-2031	0.50%	10	1,669	CE	354,100.00	
9	Greenbrier (L)	Meter Replacement	004-108	1184	3/30/2020	1,377,000			Apr-21	Mar-2032	0.50%	10	7,893	CE	1,377,000.00	
10	Harmony Grove (L)	Meter Replacement	004-145	1222	11/12/2019	603,600			Oct-20	Nov-2031	0.50%	10	2,317	CE	603,600.00	
11	Jefferson Samples/Dexter (L)	Meter Replacement	004-139	1216	9/24/2019	368,000			Apr-20	Sep-2031	0.50%	10	2,552	CE	368,000.00	
12	Mount Ida (L)	Meter Replacement	040-140	1217	6/17/2020	500,000		500,000	Oct-20	Jun-2032	0.50%	10	3,218	CE	500,000.00	
13	Nashville (L)	Meter Replacement	004-141	1218	11/19/2019	411,000			Apr-21	Nov-2041	2.55%	20	4,327	CE	411,000.00	
14	North White County Rural Water PFB (L)	Meter Replacement	004-091	1167	9/17/2019	600,000			Oct-21	Sep-2031	0.50%	10	5,300	CE	600,000.00	
15	Pocahontas (L)	Meter Replacement	004-131	1206	10/22/2019	1,100,000			Apr-21	Oct-2031	0.50%	10	7,547	CE	1,100,000.00	
16	Vilonia Waterworks Assn (L)	Meter Replacement	004-411	1187	11/14/2019	1,700,000			Oct-21	Nov-2031	0.50%	10	23,177	CE		
17	Washington Water Authority (L)	Meter Replacement	004-112	1188	7/16/2019	1,500,000			Apr-20	Jul-2031	0.50%	10	16,750	CE		
18	Wilton (L)	Upgrades and repairs to water storage tank	004-144	1221	2/19/2020	360,000			Oct-21	Feb-2032	1.50%	10	534	CE	360,000.00	
SECTION 1452 LOANS CLOSED SFY 2020 TOTAL						\$ 52,836,400	\$ -	\$35,968,000							\$ 9,086,400	\$ 1,600,000
TOTAL CUM SECTION 1452 LOANS (Binding Commitments through 6/30/19)						\$ 295,841,500	\$46,872,633	\$31,054,839							183,731,653	\$145,642,460
TOTAL CUM SECTION 1452 LOANS CLOSED / BINDING COMMITMENTS						\$ 348,677,900	\$46,872,633	\$ 67,022,839							\$ 192,818,053	\$147,242,460

\* The green project reserve meets the Water Efficiency category.  
\*\*\*previously closed with add'l funding  
GPR balance does not include \$4,965,000 ARRA

Percentage of Binding Commitments:		55%	42%
**Small systems are defined as systems with population of 10,000 or less # Deferred Loan, first pmt 4/15/21 or will be rolled into construction loan funding.			

**Chart 3- Comparison of Grant Payments and Binding Commintments**

Dates	SFY	Qtr	SFY	FFY	State Match	Cumulative State Match	Qtrly Grant Payment - All Grants			Cum. Grant Payment - All Grants			* Binding Commit. Required	Cum. Bind. Commit. Required	Binding Commit. Actual	Cum. Bind. Commit. Actual	% Actual/ Required
							Total Payment	Set-Asides	Loans	Total Payment	Set-Asides	Loans					
Jul - Sep 10	2011	1	SFY11 Q1	FFY10 Q4	1,022,900	24,777,011	5,114,500	1,229,770	3,884,730	123,885,054	37,893,913	85,991,142	2,299,093	99,032,665	14,250,000	187,201,347	189%
Oct - Dec 10		2	SFY11 Q2	FFY11 Q1	511,450	25,288,461	2,557,250	641,602	1,915,648	126,442,304	38,535,515	87,906,790	2,275,953	101,308,617		187,201,347	185%
Jan - Mar 11		3	SFY11 Q3	FFY11 Q2	511,450	25,799,911	2,557,250	641,603	1,915,647	128,999,554	39,177,118	89,822,437	2,275,953	103,584,570	6,500,000	193,701,347	187%
Apr - Jun 11		4	SFY11 Q4	FFY11 Q3	2,565,350	28,365,261	12,826,750	3,369,758	9,456,992	141,826,304	42,546,876	99,279,429	2,275,953	105,860,522		193,701,347	183%
Jul - Sep 11	2012	1	SFY12 Q1	FFY11 Q4		28,365,261	0		0	141,826,304	42,546,876	99,279,429	4,907,630	110,768,152	4,000,000	197,701,347	178%
Oct - Dec 11		2	SFY12 Q2	FFY12 Q1	2,053,900	30,419,161	10,269,500	2,728,155	7,541,345	152,095,804	45,275,031	106,820,774	2,427,098	113,195,250	27,050,000	224,751,347	199%
Jan - Mar 12		3	SFY12 Q3	FFY12 Q2		30,419,161	0		0	152,095,804	45,275,031	106,820,774	2,427,097	115,622,347		224,751,347	194%
Apr - Jun 12		4	SFY12 Q4	FFY12 Q3	2,850,400	33,269,561	14,252,000	1,482,280	12,769,720	166,347,804	46,757,311	119,590,494	12,022,342	127,644,689	2,310,000	227,061,347	178%
Jul - Sep 12	2013	1	SFY13 Q1	FFY12 Q4	2,070,800	35,340,361	10,354,000	1,703,660	8,650,340	176,701,804	48,460,971	128,240,834	0	127,644,689		227,061,347	178%
Oct - Dec 12		2	SFY13 Q2	FFY13 Q1	645,600	35,985,961	3,228,000	498,820	2,729,180	179,929,804	48,959,791	130,970,014	9,595,245	137,239,934	7,131,000	234,192,347	171%
Jan - Mar 13		3	SFY13 Q3	FFY13 Q2		35,985,961			0	179,929,804	48,959,791	130,970,014	0	137,239,934	3,000,000	237,192,347	173%
Apr - Jun 13		4	SFY13 Q4	FFY13 Q3		35,985,961			0	179,929,804	48,959,791	130,970,014	15,620,120	152,860,054	1,700,000	238,892,347	156%
Jul - Sep 13	2014	1	SFY14 Q1	FFY13 Q4		35,985,961			0	179,929,804	48,959,791	130,970,014	10,721,140	163,581,194	1,450,000	240,342,347	147%
Oct - Dec 13		2	SFY14 Q2	FFY14 Q1	637,150	36,623,111	3,185,750	923,868	2,261,883	183,115,554	49,883,658	133,231,896	3,374,780	166,955,974	2,380,000	242,722,347	145%
Jan - Mar 14		3	SFY14 Q3	FFY14 Q2	637,150	37,260,261	3,185,750	923,868	2,261,882	186,301,304	50,807,526	135,493,778	0	166,955,974		242,722,347	145%
Apr - Jun 14		4	SFY14 Q4	FFY14 Q3	637,150	37,897,411	3,185,750	923,868	2,261,882	189,487,054	51,731,394	137,755,660	0	166,955,974	5,000,000	247,722,347	148%
Jul - Sep 14	2015	1	SFY15 Q1	FFY14 Q4	637,150	38,534,561	3,185,750	923,868	2,261,882	192,672,804	52,655,262	140,017,542	0	166,955,974		247,722,347	148%
Oct - Dec 14		2	SFY15 Q2	FFY15 Q1	676,700	39,211,261	3,383,500	981,215	2,402,285	196,056,304	53,636,477	142,419,827	2,899,033	169,855,007	5,331,800	253,054,147	149%
Jan - Mar 15		3	SFY15 Q3	FFY15 Q2	676,700	39,887,961	3,383,500	981,215	2,402,285	199,439,804	54,617,692	144,822,112	2,899,032	172,754,039		253,054,147	146%
Apr - Jun 15		4	SFY15 Q4	FFY15 Q3	676,700	40,564,661	3,383,500	981,215	2,402,285	202,823,304	55,598,907	147,224,397	2,899,032	175,653,071	5,200,000	258,254,147	147%
Jul - Sep 15	2016	1	SFY16 Q1	FFY15 Q4	676,700	41,241,361	3,383,500	981,215	2,402,285	206,206,804	56,580,122	149,626,682	2,899,032	178,552,103	3,200,000	261,454,147	146%
Oct - Dec 15		2	SFY16 Q2	FFY16 Q1	672,250	41,913,611	3,361,250	974,763	2,386,488	209,568,054	57,554,885	152,013,170	3,078,985	181,631,088	800,000	262,254,147	144%
Jan - Mar 16		3	SFY16 Q3	FFY16 Q2	672,250	42,585,861	3,361,250	974,763	2,386,488	212,929,304	58,529,647	154,399,657	3,078,985	184,710,073		262,254,147	142%
Apr - Jun 16		4	SFY16 Q4	FFY16 Q3	672,250	43,258,111	3,361,250	974,763	2,386,488	216,290,554	59,504,410	156,786,145	3,078,985	187,789,058		262,254,147	140%
Jul - Sep 16	2017	1	SFY17 Q1	FFY16 Q4	672,250	43,930,361	3,361,250	974,763	2,386,488	219,651,804	60,479,172	159,172,632	3,078,985	190,868,043	5,800,000	268,054,147	140%
Oct - Dec 16		2	SFY17 Q2	FFY17 Q1	635,950	44,566,311	3,179,750	1,102,470	2,077,280	222,831,554	61,581,642	161,249,912	3,058,738	193,926,780		268,054,147	138%
Jan - Mar 17		3	SFY17 Q3	FFY17 Q2	635,950	45,202,261	3,179,750	1,102,470	2,077,280	226,011,304	62,684,112	163,327,192	3,058,738	196,985,518		268,054,147	136%
Apr - Jun 17		4	SFY17 Q4	FFY17 Q3	635,950	45,838,211	3,179,750	1,102,470	2,077,280	229,191,054	63,786,582	165,404,472	3,058,738	200,044,255	6,580,000	274,634,147	137%
Jul - Sep 17	2018	1	SFY18 Q1	FFY17 Q4	639,950	46,478,161	3,179,750	1,102,470	2,077,280	232,370,804	64,889,052	167,481,752	3,058,738	203,102,993	2,600,000	277,234,147	136%
Oct - Dec 17		2	SFY18 Q2	FFY18 Q1	626,500	47,104,661	3,152,500	1,002,275	2,150,225	235,523,304	65,891,327	169,631,977	2,713,230	205,816,223	7,581,633	284,815,780	138%
Jan - Mar 18		3	SFY18 Q3	FFY18 Q2	630,500	47,735,161	3,152,500	1,002,275	2,150,225	238,675,804	66,893,602	171,782,202	2,713,230	208,529,453		284,815,780	137%
Apr - Jun 18		4	SFY18 Q4	FFY18 Q3	630,500	48,365,661	3,152,500	1,002,275	2,150,225	241,828,304	67,895,877	173,932,427	2,713,230	211,242,683	-3,409,280	281,406,500	133%
Jul - Sep 18	2019	1	SFY19 Q1	FFY18 Q4	1,671,000	50,036,661	3,152,500	1,002,275	2,150,225	244,980,804	68,898,152	176,082,652	2,713,230	213,955,913	3,660,000	285,066,500	133%
Oct - Dec 18		2	SFY19 Q2	FFY19 Q1		50,036,661	4,177,750	1,136,348	3,041,402	249,158,554	70,034,500	179,124,054	2,780,725	216,736,638	3,700,000	288,766,500	133%
Jan - Mar 19		3	SFY19 Q3	FFY19 Q2	1,671,000	51,707,661	4,177,750	1,136,348	3,041,402	253,336,304	71,170,848	182,165,456	2,780,725	219,517,363	5,800,000	294,566,500	134%
Apr - Jun 19		4	SFY19 Q4	FFY19 Q3		51,707,661	4,177,750	1,136,348	3,041,402	257,514,054	72,307,196	185,206,858	2,780,725	222,298,088	1,275,000	295,841,500	133%
Jul - Sep 19	2020	1	SFY20 Q1	FFY19 Q4		51,707,661	4,177,750	1,136,348	3,041,402	261,691,804	73,443,544	188,248,260	2,780,725	225,078,813	2,197,700	298,039,200	132%
Oct - Dec 19		2	SFY20 Q2	FFY20 Q1	3,311,000	55,018,661	4,138,750	1,100,238	3,038,513	265,830,554	74,543,782	191,286,773	3,876,952	228,955,765	8,177,700	306,216,900	134%
Jan - Mar 20		3	SFY20 Q3	FFY20 Q2		55,018,661	4,138,750	1,100,238	3,038,513	269,969,304	75,644,019	194,325,285	3,876,952	232,832,717	1,911,000	308,127,900	132%
Apr - Jun 20		4	SFY20 Q4	FFY20 Q3		55,018,661	4,138,750	1,100,238	3,038,513	274,108,054	76,744,257	197,363,798	3,876,952	236,709,669	45,836,000	353,963,900	150%
Jul - Sep 20	2021	1	SFY21 Q1	FFY20 Q4		55,018,661	4,138,750	1,100,238	3,038,513	278,246,804	77,844,494	200,402,310	3,876,952	240,586,621	8,428,535	362,392,435	151%
Oct - Dec 20		2	SFY21 Q2	FFY21 Q1	3,311,000	58,329,661	4,141,500	1,076,790	3,064,710	282,388,304	78,921,284	203,467,020	3,866,263	244,452,883	50,151,234	412,543,669	169%
Jan - Mar 21		3	SFY21 Q3	FFY21 Q2		58,329,661	4,141,500	1,076,790	3,064,710	286,529,804	79,998,074	206,531,730	3,866,263	248,319,146	8,360,502	420,904,171	170%
Apr - Jun 21		4	SFY21 Q4	FFY21 Q3		58,329,661	4,141,500	1,076,790	3,064,710	290,671,304	81,074,864	209,596,440	3,866,263	252,185,408	0	420,904,171	167%
Jul - Sep 21	2022	1	SFY22 Q1	FFY21 Q4		58,329,661	4,141,500	1,076,790	3,064,710	294,812,804	82,151,654	212,661,150	3,866,263	256,051,671		420,904,171	164%
Oct - Dec 21		2	SFY22 Q2	FFY22 Q1	3,310,200	61,639,861	4,137,750	1,075,815	3,061,935	298,950,554	83,227,469	215,723,085	3,893,010	259,944,681		420,904,171	162%
Jan - Mar 22		3	SFY22 Q3	FFY22 Q2		61,639,861	4,137,750	1,075,815	3,061,935	303,088,304	84,303,284	218,785,020	3,893,010	263,837,691		420,904,171	160%
Apr - Jun 22		4	SFY22 Q4	FFY22 Q3		61,639,861	4,137,750	1,075,815	3,061								

\*Note: Required B/C amount is the total of state match, Federal grant payments not allocated to set-asides and any unspecified set-asides transferred back to the loan account lagged by one year.

**Chart 4 – DWSRF Set-Asides (federal funds drawn)**

(as of 6/30/21)									
SRF Grant Year	Set-Aside	% of Grant	Total Available	Total Reserved	Total Budgeted	Total Expended To Date	Remaining Balance	Grant Start Date	Grant End Date
2015	Admin	4%	537,800.00		537,800.00	537,800.00	0.00	10/1/2015	9/30/2019
	SSTA	2%	268,900.00	268,900.00	0.00	0.00	0.00		
	SPM	10%	1,344,500.00		1,344,500.00	1,344,500.00	0.00		
	WHP	5%	672,250.00		672,250.00	672,250.00	0.00		
	Cap Dev	10%	1,344,500.00		1,344,500.00	1,344,500.00	0.00		
	Total	31%	4,167,950.00	268,900.00	3,899,050.00	3,899,050.00	0.00		
2016	Admin	4%	508,760.00		508,760.00	508,760.00	0.00	10/1/2016	9/30/2020
	SSTA	2%	254,380.00	(54,440.00)	308,820.00	308,820.00	0.00		
	SPM	10%	1,271,900.00		1,271,900.00	1,271,900.00	0.00		
	WHP	5%	635,950.00		635,950.00	635,950.00	0.00		
	Cap Dev	10%	1,271,900.00		1,271,900.00	1,271,900.00	0.00		
	Total	31%	3,942,890.00	(54,440.00)	3,997,330.00	3,997,330.00	0.00		
2017	Admin	4%	504,400.00		504,400.00	504,400.00	0.00	10/1/2017	9/30/2021
	SSTA	2%	252,200.00		252,200.00	252,200.00	0.00		
	SPM	10%	1,361,000.00		1,361,000.00	1,361,000.00	0.00		
	WHP	5%	630,500.00		630,500.00	630,500.00	0.00		
	Cap Dev	10%	1,261,000.00		1,261,000.00	1,261,000.00	0.00		
	Total	31%	4,009,100.00	0.00	4,009,100.00	4,009,100.00	0.00		
2018	Admin	4%	668,440.00		668,440.00	668,440.00	0.00	10/1/2018	9/30/2022
	SSTA	2%	334,220.00	334,220.00	0.00	0.00	0.00		
	SPM	10%	1,671,100.00	300,800.00	1,370,300.00	316,483.72	1,053,816.28		
	WHP	5%	835,550.00	0.00	835,550.00	522,287.89	313,262.11		
	Cap Dev	10%	1,671,100.00	0.00	1,671,100.00	1,193,782.00	477,318.00		
	Total	31.0%	5,180,410.00	635,020.00	4,545,390.00	2,700,993.61	1,844,396.39		
2019	Admin	4.0%	599,700.00		599,700.00	599,700.00	0.00	10/1/2019	9/30/2023
	SSTA	2.0%	331,100.00	331,100.00	0.00	0.00	0.00		
	SPM	10.0%	1,655,500.00	400,000.00	1,255,500.00	3,456.65	1,252,043.35		
	WHP	5.0%	827,750.00		827,750.00	\$ 323,804.94	503,945.06		
	Cap Dev	10.0%	1,655,500.00		1,655,500.00	987,756.50	667,743.50		
	In- Kind		62,500.00		62,500.00	62,500.00	0.00		
	SWP	0.0%					0.00		
	Total	31.0%	5,132,050.00	731,100.00	4,400,950.00	1,977,218.09	2,423,731.91		
2020	Admin	4.0%	662,640.00		662,640.00	481,399.72	181,240.28	10/1/2020	9/30/2024
	SSTA	2.0%	331,320.00	331,320.00	0.00		0.00		
	SPM	10.0%	1,656,600.00	496,980.00	1,159,620.00		1,159,620.00		
	WHP	5.0%	828,300.00		828,300.00		828,300.00		
	Cap Dev	10.0%	1,656,600.00		1,656,600.00		1,656,600.00		
	SWP	0.0%					0.00		
	Total	31.0%	5,135,460.00	828,300.00	4,307,160.00	481,399.72	3,825,760.28		
2021 Estimate	Admin	4.0%	662,040.00		662,040.00		662,040.00	10/1/2021	9/30/2025
	SSTA	2.0%	331,020.00	331,020.00	0.00		0.00		
	SPM	10.0%	1,655,100.00	496,530.00	1,158,570.00		1,158,570.00		
	WHP	5.0%	827,550.00	0.00	827,550.00		827,550.00		
	Cap Dev	10.0%	1,655,100.00	0.00	1,655,100.00		1,655,100.00		
	SWP	0.0%					0.00		
	Total	31.0%	5,130,810.00	827,550.00	4,303,260.00	0.00	4,303,260.00		
Reclaimed & Reserved	Admin			0.00			0.00	N/A	N/A
	SSTA			1,812,800.00			1,812,800.00		
	SPM			1,694,310.00			1,694,310.00		
	WHP			0.00			0.00		
	Cap Dev			0.00			0.00		
	SWP			0.00			0.00		
	Total		0.00	3,507,110.00	0.00	0.00	3,507,110.00		
Totals	Set-Aside	% of Grant	Total Available	Total Reserved	Total Budgeted	Total Expended	Total Remaining		
Current Balance Totals (Includes Estimated 21 Cap Grant)	Admin		4,677,140.00	0.00	4,677,140.00	3,833,859.72	843,280.28	N/A	N/A
	SSTA		2,373,820.00	3,940,064.00	561,020.00	561,020.00	0.00		
	SPM		11,969,100.00	7,817,355.00	10,274,790.00	5,650,740.37	4,624,049.63		
	WHP		5,934,550.00	0.00	5,934,550.00	3,461,492.83	2,473,057.17		
	Cap Dev		11,869,100.00	0.00	11,869,100.00	7,412,338.50	4,456,761.50		
	In-Kind		21,550,390.00	0.00	20,430,230.00	18,585,833.61	1,844,396.39		
	SWP		13,085,370.00	0.00	11,429,520.00	3,300,499.72	8,129,020.28		
Total		71,459,470.00	11,757,419.00	65,176,350.00	42,805,784.75	22,370,565.25			

### Chart 5 – State Match

Transaction Date	Deposited to #1001007607	Deposited to #7046000122	Apply to Cap Grant:	Funding Source	Transferred to #7046000195	Description	Match Balance
10/19/2020	3,282,286.24		2020	GO Bond Grant			3,282,286.24
	30,913.76		2020	Accrued Interest			3,313,200.00
10/29/2019			20 Match	GO Bond Grant	\$ (5,580.00)	Carlisle (L)	3,307,620.00
			20 Match	GO Bond Grant	\$ (1,237,736.00)	CAW #4 (L)	2,069,884.00
			20 Match	GO Bond Grant	\$ (352,499.00)	Clinton (L)	1,717,385.00
			20 Match	GO Bond Grant	\$ (1,501.00)	Danville (L)	1,715,884.00
			20 Match	GO Bond Grant	\$ (445,038.00)	Demott (L)	1,270,846.00
			20 Match	GO Bond Grant	\$ (92,847.00)	Greenbrier (L)	1,177,999.00
			20 Match	GO Bond Grant	\$ (78,322.00)	Hickory Ridge (L)	1,099,677.00
			20 Match	GO Bond Grant	\$ (3,000.00)	Melbourne (L)	1,096,677.00
			20 Match	GO Bond Grant	\$ (16,134.00)	Mount Ida (L)	1,080,543.00
			20 Match	GO Bond Grant	\$ (133,161.00)	Nashville	947,382.00
			20 Match	GO Bond Grant	\$ (107,454.00)	Tri-County	839,928.00
						(2,473,272.00)	839,928.00
11/29/2021					\$ (16,600.94)	CAW #4(L) - Partial #30	823,327.06
					\$ (181,689.06)	CAW #4(L) - Partial #30	641,638.00
					\$ (176.00)	Danville (L)	641,462.00
					\$ (47,599.00)	Hickory Ridge (L)	593,863.00
					\$ (275,398.00)	Melbourne (L)	318,465.00
					\$ (675.00)	Mount Ida	317,790.00
					\$ (78,056.00)	Nashville #4 (L)	239,734.00
					\$ (218,487.00)	Palestine (L)	21,247.00
					\$ (21,247.00)	Prescott (L)	-
						(839,928.00)	-



## Chart 6 – Additional Subsidization by Cap Grant

2016 Cap Grant Requirements (FS986001-19 Award date 08/24/16) - Budget & Project period end 9/30/2020																
Minimum Required: \$2,543,800 Maximum Allowed: \$2,543,800																
Project	Loan Number	Bond Purch. Agreement Date	Loan Closing Date	Add Sub (PF) Allocated	Add Sub (PF) Expensed	Relinquished Add Sub Funds	Add Sub (PF) Balance	Disadvantaged Community (PF)	Disadvantaged (PF) Expensed	Disadvantaged (PF) Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance		
								Max = \$3,815,700								
Eudora (PF)	01041-DWSRF-F	06/01/2017	06/01/2017				-	3,450,000	3,450,000	-	82.4800%	213,140	213,140	-		
Eudora (L)	01042-DWSRF-L	06/01/2017	06/01/2017				-			-	62.2100%	210,300	210,300	-		
Huttig (PF)	01080-DWSRF-F	07/18/2017	07/18/2017	1,209,300	1,209,300		-	365,700	365,700	-	100.0000%	1,575,000	1,575,000	-		
Huttig (L)	01079-DWSRF-L	07/18/2017	07/18/2017	-			-			-	100.0000%	525,000	525,000	-		
Stamps (PF)	01081-DWSRF-F	12/05/2017	12/05/2017	837,651	837,651		-			-	100.0000%	37,068	37,068	-		
Arkansas City (PF) disadv. Eligible	01134-DWSRF-F	07/09/2018	07/09/2018	496,849	496,849		-			-				-		
2016 Grant Totals				2,543,800	2,543,800	-	-	3,815,700	3,815,700	-		2,560,508	2,560,508	-		
Minimum (Over) / Under				0			2,543,800					2,543,800	(Discretionary)			
Maximum (Over) / Under				3,815,700			0	0				(16,708)				
2017 Cap Grant Requirements (FS986001-20 Award date 08/24/17) - Budget & Project period end 10/1/2021																
Grant amount: 12,610,000																
Project	Loan Number	Bond Purch. Agreement Date	Loan Closing Date	Add Sub (PF) Allocated	Add Sub (PF) Expensed	Relinquished Add Sub Funds	Add Sub (PF) Balance	Disadvantaged Community (PF)	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance		
								Max = \$3,783,000								
Arkansas City (PF) disadv. Eligible	01134-DWSRF-F	07/09/2018	07/09/2018	1,251,080	1,257,425	884,834	-	117,237	117,237	-	80.0000%	2,200,000	1,492,133	707,867		
Prescott (PF)	01112-DWSRF-F	11/14/2018	11/14/2018	-			-	300,000	300,000	-	0.0000%			-		
Stamps (PF)	01081-DWSRF-F	12/05/2017	12/05/2017	6,345	6,345	15,902	-			-	100.0000%	2,544,565	2,528,663	15,902		
Gillham Lake RWA 1146 (PF)	01146-DWSRF-F	12/17/2020	12/17/2020	1,264,575	979,226		285,349			-	0.0000%			-		
2017 Grant Totals				2,939,237	2,242,996	900,736	285,349	417,237	417,237	-		4,744,565	4,020,796	723,769		
Minimum (Over) / Under				0			2,236,651					2,522,000	(Discretionary)			
Maximum (Over) / Under				3,365,763			0	3,365,763				(2,222,565)				
2018 Cap Grant Requirements (FS98600121 Award date 09/5/18) - Budget & Project period end 9/30/2022																
Grant amount: 16,711,000																
Project	Loan Number	Bond Purch. Agreement Date	Loan Closing Date	Add Sub (PF) Allocated	Add Sub (PF) Expensed	Relinquished Add Sub Funds	Add Sub (PF) Balance	Disadvantaged Community (PF)	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance		
								Zero in IUP - do not use								
Hickory Ridge (PF)	01241-DWSRF-F	07/08/2020	07/08/2020	603,705	603,705		-			-	85.0000%	513,149	513,149	-		
Hickory Ridge (L)	01240-DWSRF-L	07/08/2020	07/08/2020				-			-	85.0000%	513,150	443,195	69,955		
Marshall (PF2) **	01284-DWSRF-F	12/8/2020	12/08/2020	95,675	95,675		-			-	0.0000%			-		
Helena - W. Helena (L)	01063-DWSRF-L	03/31/2019	03/31/2019				-			-	100.0000%	4,200,000	4,152,552	47,448		
Wright-Pastoria (PF) (disadvantage eligible) 1	01176-DWSRF-F	12/03/2020	12/03/2020	356,700	356,700		-			-	0.0000%			-		
Benton County #5 - Rambo (PF)	01236-DWSRF-PF	01/25/2021	01/25/2021	200,000	200,000		-			-	0.0000%			-		
Wilton #2 (PF)	01221-DWSRF-F	05/20/2020	05/20/2020	360,000	360,000		-			-	0.0000%			-		
Rosston (PF)	01258-DWSRF-PF	2/2/2021	2/2/2021	211,868	211,868		-			-	0.0000%			-		
Gillham Lake RWA 1146 (PF)	01146-DWSRF-F	12/17/2020	12/17/2020	435,425	-		435,425			-	0.0000%			-		
Gillham Lake RWA 1317 (PF)	01317-DWSRF-F	12/17/2020	12/17/2020	1,078,827	10,000		1,068,827			-	0.0000%			-		
							-			-						
							-			-						
							-			-						
							-			-						
2018 Grant Totals				3,342,200	1,837,948	-	1,504,252	-	-	-		5,226,299	5,108,896	117,403		
Minimum (Over) / Under				0			1,837,948	-				3,342,200	(Discretionary)			
Maximum (Over) / Under				0			0	Zero in IUP - do not use				(1,884,099)				

2019 Cap Grant Requirements (FS98600122 Award date 09/17/19) - Budgt & Project period end 9/30/2024				Grant amount 16,555,000				5,794,250						
Minimum Required: \$3,311,000	Loan Number	Bond Purch. Agreement Date	Loan Closing Date	Add Sub (PF) Allocated	Add Sub (PF) Expensed	Relinquished Add Sub Funds	Add Sub (PF) Balance	Disadvantaged Community (PF) Max 35%	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance
Project								Minimum 6% = \$993,300						
Carlisle (L) **	01203-DWSRF-L	8/29/2019	8/29/2019							-	100.0000%	393,000	393,000	-
CAW #5 (L) - Ozark Pt. Construction	01077-DWSRF-L	09/09/2019	09/09/2019								2.5000%	925,000	649,393	275,607
Clinton(L) **	01182-DWSRF-L	08/27/2020	08/27/2020								100.0000%	1,500,000	111,199	1,388,801
Melbourne (L) **	01273-DWSRF-L	08/14/2020	08/14/2020								100.0000%	700,000	655,068	44,932
Midway (L) meters **	01154-DWSRF-L	8/28/2018	8/28/2018								100.0000%	432,390	432,390	(0)
Mount Ida (L) **	01217-DWSRF-L	06/17/2020	06/17/2020								100.0000%	500,000	500,000	-
Palestine (L) **	01266-DWSRF-L	09/23/2020	09/23/2020								32.0000%	108,424	108,424	-
Omaha (PF) (disadvantae eligible)	01175-DWSRF-F	07/15/2020	07/15/2020	-	-		-	850,000	565,067	284,933	0.0000%			-
Wright-Pastoria (PF) (disadvantage eligible) 1	01176-DWSRF-F	12/03/2020	12/03/2020	-	-		-	143,300	17,619	125,681	100.0000%	500,000	88,339	411,661
Wright-Pastoria (L)	01320-DWSRF-L	12/03/2020	12/03/2020				-				100.0000%	64,650	1,000	63,650
Lewisville (L)	01161-DWSRF-L	01/27/2021	01/27/2021								100.0000%	3,000,000	1,627,388	1,372,612
Rosston (PF)	01258-DWSRF-PF	02/02/2021	02/02/2021	60,958	48,398		12,560				0.0000%			-
Bauxite (L) **	01270-DWSRF-L	02/17/2021	02/17/2021								100.0000%	120,000	88,339	31,661
Arkadelphia-Gum Springs (PF)	01246-DWSRF-PF	02/25/2021	02/25/2021	766,900	766,900		-				0.0000%			-
Mitchelville (PF) - DV eligible	01062-DWSRF-F	05/15/2018	05/15/2018	368,490	31,929		336,561				0.0000%			-
Caraway (F)	01333-DWSRF-F	03/18/2021	03/18/2021	263,300	38,481		224,819				0.0000%			-
SE Bradley (L) - DV Eligible ** not closed	01242-DWSRF-PF	Not Closed	Not Closed	505,323			505,323				100.0000%	505,323		505,323
Fifty Six - not closed	01301-DWSRF-F	Not Closed	Not Closed	1,346,029			1,346,029				0.0000%			-
2019 Grant Totals				3,311,000	885,708		2,425,292	993,300	582,686	410,614		8,748,787	4,654,540	4,094,247
Minimum (Over) / Under				0			885,708	-				3,311,000	(Discretionary)	
Maximum (Over) / Under				0			0	0				(5,437,787)		
2020 Cap Grant Requirements (FS98600123 Award date 09/04/2020) - Budgt & Project period end 9/30/2024				Grant amount 16,566,000				5,798,100						
14% Minimum Required: \$2,319,240	Loan Number	Bond Purch. Agreement Date	Loan Closing Date	Add Sub (PF) Allocated	Add Sub (PF) Expensed	Relinquished Add Sub Funds	Add Sub (PF) Balance	Disadvantaged Community (PF) Max 35%	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance
Project								Minimum 6% = \$993,960						
Wright-Pastoria (L) 2	01324-DWSRF-L	07/15/2021	07/15/2021				-				100.0000%	356,460	-	356,460
Fifty Six - not closed	01301-DWSRF-F	Not Closed	Not Closed	901,098			901,098				0.0000%			-
CAW-West Pulaski (PF)	01342-DWSRF-F	Not Closed	Not Closed	1,230,483			1,230,483				0.0000%			-
Eudora (PF) - not closed	01345-DWSRF-F	Not Closed	Not Closed	-			-				100.0000%	-		-
Hwy 4 & 24 Water Association (PF) not closed	01330-DWSRF-F	Not Closed	Not Closed	-			-	329,418		329,418	0.0000%			-
Reed (PF) - DV Eligible - not closed	01273-DWSRF-F	Not Closed	Not Closed	187,659			187,659	654,542		654,542	100.0000%	842,201		842,201
20 Grant Totals				2,319,240	-		2,319,240	993,960	-	993,960		842,201	-	842,201
Minimum (Over) / Under				0			0	-				2,319,240	(Discretionary)	
Maximum (Over) / Under				0			0	4,804,140				1,477,039		
2021 Cap Grant Requirements (FS986001?? Award date ESTIMATE) - Budegt & Project period end 9/30/2025				Grant amount 16,551,000				5,792,850						
14% Minimum Required: \$2,317,140	Loan Number	Bond Purch. Agreement Date	Loan Closing Date	Add Sub (PF) Allocated	Add Sub (PF) Expensed	Relinquished Add Sub Funds	Add Sub (PF) Balance	Disadvantaged Community (PF) Max 35%	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance
Project								Minimum 6% = \$993,060						
CAW-West Pulaski Service Line Program (PF)	01343-DWSRF-F	Not Closed	Not Closed	1,200,000			1,200,000				-			-
CAW-West Pulaski (PF)	01342-DWSRF-F	Not Closed	Not Closed	969,517			969,517				0.0000%			-
Village Water Assoc (PF) not closed	01305-DWSRF-F	Not Closed	Not Closed	120,655			120,655				0.0000%			-
Eudora (PF) - not closed	01345-DWSRF-F	Not Closed	Not Closed	1,630,211			1,630,211				100.0000%	1,630,211		1,630,211
Eudora (L) - not closed	01346-DWSRF-L	Not Closed	Not Closed				-				100.0000%	543,404		543,404
20 Grant Totals					-		1,630,211	-	-	-		2,173,615	-	2,173,615
Minimum (Over) / Under				3,310,200			686,929					2,317,140	(Discretionary)	
Maximum (Over) / Under				0			0	5,792,850				143,525		

**Chart 7 – SFY2021 Drinking Water Project List Priority - Bypassed Projects**

<i>No.</i>	<i>PWS</i>	<i>Total Points</i>	<i>PWS ID.</i>	<i>Project Cost</i>	<i>Population</i>	<i>Small System (Y/N)</i>	<i>MHI</i>	<i>Disadvantaged (Y/N)</i>	<i>Project Description</i>	<i>Status of Project</i>	<i>PPL Application Year</i>	<i>Notes</i>
1	North East Water Association	331	33	\$12,200,000	3,540	YES	\$19,689	YES	System Expansion to serve Henderson & Gamaliel Areas	No Funding Application Received	2000	Remove next year
2	Benton County Water Authority #5	913	040	\$854,696	1,468	YES	\$48,077	NO	Main Replacements and Interconnection to Rambo Water District No. 1	<b>DWSRF - closed Jan 2021</b>	2019	
3	Gillham Lake Regional Water System	185	658	\$4,083,100	N/A		N/A		Water Treatment Plant Rehabilitation and Expansion	<b>DWSRF - closed Dec 2020</b>	2017	
4	Clinton Waterworks	175	564	\$4,400,000	5,725	YES	\$30,125	YES	Water Treatment Plant Clarifier	ANRC Funding - project complete	2014	Remove next year
5	Mena Water Utilities	174	438	\$1,084,000	5,590	YES	\$28,222	YES	Irons Fork Water Treatment Facility Improvements	<b>DWSRF - not closed, approved May 2021</b>	2014	
6	Hozanna Heights Water Association	149	884	\$5,180	79	YES	\$18,682	YES	New Treatment Installation	No Funding Application Received	2012	Remove next year
7	Central Arkansas Water	144	465	\$16,400,000	330,667	NO	\$51,165	NO	West Pulaski County Extension	<b>DWSRF - not closed, approved May 2021</b>	2019	
8	Pleasant View Water PFB	127	202	\$1,287,098	1,698	YES	\$34,819	YES	Royal Oak and Manitou Mountain Extensions	No Funding Application Received	2014	Remove next year
9	Siloam Springs Water Works	124	56	\$21,033,125	19,022	NO	\$38,750	YES	Water Treatment Facility Improvements	<b>DWSRF - closed Nov 2020</b>	2010	
10	Lockesburg	84	517	\$2,222,985	853	YES	\$31,213	YES	Replacement of Distribution System	ANRC Funding - project complete	2012	Remove next year
11	Old Bella Vista POA	83	753	\$500,000	130	YES	\$30,700	YES	Water System Improvements	ANRC Funding - project complete	2017	Remove next year
12	Viola	74	205	\$85,000	387	YES	\$35,673	YES	Rehabilitation of Existing Storage Tank	ANRC Funding - project complete	2015	Remove next year

No.	PWS	Total Points	PWS ID.	Project Cost	Population	Small System (Y/N)	MHI	Disadvantaged (Y/N)	Project Description	Status of Project	PPL Application Year	Notes
13	Scranton Waterworks	73	330	\$5,974,000	1,100	YES	\$24,500	YES	Connection to the City of Clarksville - Transmission Facilities	ANRC Funding - project complete	2012	Remove next year
14	Lee County Water Association	64	313	\$222,500	5,029	YES	\$27,901	YES	Aerator Installment	No Funding Application Received	2020	
15	Southeast Bradley County Water Association	64	870	\$2,358,073	2,665	YES	\$36,310	YES	Connection and Consolidation with Banks as well as main replacements	<b>DWSRF - not closed, approved Jul 2019</b>	2019	
16	Central Arkansas Water	64	465	\$2,000,000	313,588	NO	\$43,890	NO	Galvanized Pipe Replacement Project	No Funding Application Received	2014	Remove next year
17	Bearden	63	401	\$780,200	921	YES	\$31,095	YES	Tank Rehabilitation Project	ANRC Funding - project complete	2016	Remove next year
18	Gould, City of	62	316	\$789,312	1,041	YES	\$34,107	YES	New 150,000 Gal. Elevated Storage Tank	No Funding Application Received	2014	Remove next year
19	Central Arkansas Water	60	465	\$35,000,000	313,588	NO	\$43,890	NO	Ozark Point Water Treatment Plant - Reliability & Redundancy Improvements, solar panels	ANRC Funding - project complete	2016	Remove next year
20	Arkadelphia	60	085	\$2,843,900	10,716	NO	\$27,344	YES	Gum Springs Water System Improvements Project	<b>DWSRF - closed Mar 2021</b>	2019	
21	Central Arkansas Water	58	465	\$675,000	313,588	NO	\$43,890	NO	12" Asbestos Cement & Cast Iron Pipe Replacement, Roosevelt Road	No Funding Application Received	2014	Remove next year
22	Central Arkansas Water	58	465	\$1,750,000	313,588	NO	\$43,890	NO	24" Suction Main to Pump Station/Tank No. 23 - Montgomery	No Funding Application Received	2014	Remove next year
23	Conway Corporation	53	189	\$8,000,000	52,000	NO	\$41,917	NO	Water Quality Compliance Project	No Funding Application Received	2010	Remove next year
24	Omaha	48	064	\$850,000	1,163	YES	\$23,740	YES	Water System Improvements	<b>DWSRF - closed Jul 2020</b>	2018	

No.	PWS	Total Points	PWS ID.	Project Cost	Population	Small System (Y/N)	MHI	Disadvantaged (Y/N)	Project Description	Status of Project	PPL Application Year	Notes
25	Jasper	47	397	\$1,108,260	466	YES	\$14,333	YES	Water Line Rehabilitation	No Funding Application Received	2013	Remove next year
26	Marshall	47	501	\$1,128,000	2,760	YES	\$30,214	YES	Water Line Rehabilitation	ANRC Funding - project complete	2013	Remove next year
27	Chidester	45	403	\$817,500	335	YES	\$25,500	YES	New Storage Tank & Pump Replacement Project	ANRC Funding - project complete	2014	Remove next year
28	Siloam Springs	45	56	\$9,600,000	14,672	NO	\$38,750	YES	Rehab Tank, New RW Transmission Main, Rehab AC Dist Mains	No Funding Application Received	2004	Remove next year
29	Waldo, City of	45	112	\$2,507,655	782	YES	\$18,514	YES	Replacement of Existing Water Distribution System	ANRC Funding - project complete	2014	Remove next year
30	Central Arkansas Water	44	465	\$6,050,000	330,667	NO	\$51,165	NO	Paron Owensville Consolidation	DWSRF - closed Jun 2020	2019	
31	Nashville	43	244	\$850,000	4,327	YES	\$30,506	YES	Water System Improvements	DWSRF - closed Aug 2020	2017	
32	Riversouth	42	674	\$2,849,400	4,168	YES	\$34,104	YES	Water System Improvements	DWSRF - closed Jan 2021	2019	
33	Walker	40	116	\$633,300	1,182	YES	\$29,184	YES	Tank and Water System Improvements	ANRC Funding - project complete	2017	Remove next year
34	Arkansas City	39	167	\$2,750,000	366	YES	\$39,922	Yes	Water System Replacement	ANRC Funding - project complete	2017	Remove next year
35	Rosston Water Department	38	395	\$545,651	750	YES	\$27,500	YES	Water Meter and Tank Improvements	DWSRF - closed Jan 2021	2020	
36	Parkers Chapel	38	560	\$1,545,089	2,369	YES	\$41,106	NO	Water System Improvements	DWSRF - complete Sept 2021	2020	

No.	PWS	Total Points	PWS ID.	Project Cost	Population	Small System (Y/N)	MHI	Disadvantaged (Y/N)	Project Description	Status of Project	PPL Application Year	Notes
37	Thornton, City of	38	72	\$2,496,966	972	YES	\$20,193	YES	Replacement of Existing Water Distribution System	ANRC Funding - project complete	2014	Remove next year
38	Gould, City of	38	316	\$1,600,000	1,041	YES	\$15,929	YES	Distribution System Replacement	ANRC Funding - project complete	2015	Remove next year
39	Central Arkansas Water	38	465	\$5,835,000	313,588	NO	\$43,890	NO	Improve Pump Station 1A, Wilson Water Treatment Plant	ANRC Funding - project complete	2016	Remove next year
40	Siloam Springs Water Works	37	056	\$31,000,000	19,205	NO	\$58,569	NO	Water Treatment Facility Improvements	<b>DWSRF - closed Nov 2020</b>	2020	
41	Arkadelphia	37	85	\$7,500,000	10,716	NO	\$26,420	YES	Water Treatment Plant Improvements, water meters	ANRC Funding - project complete	2016	Remove next year
42	Bradley Waterworks	37	294	\$1,533,711	502	YES	\$24,632	YES	Distribution System Replacement	No Funding Application Received	2012	Remove next year
43	Gilmore	36	154	\$1,288,000	292	YES	\$48,750	NO	New Water Treatment Plant and New Elevated Storage Tank	No Funding Application Received	2009	Remove next year
44	Lee County Water Association	35	313	\$881,500	5,029	YES	\$27,901	YES	Water Line Replacement	No Funding Application Received	2020	
45	Winthrop, City of	35	642	\$1,633,098	474	YES	\$32,250	YES	Distribution System Replacement	ANRC Funding - project complete	2012	Remove next year
46	New Hope Water Association	34	683	\$290,156	1,136	YES	\$41,106	NO	Water System Rehabilitation	No Funding Application Received	2020	
47	Beebe	33	592	\$1,065,000	5,000	YES	\$40,912	NO	LWPWA Connector Main	No Funding Application Received	2010	Remove next year
48	Central Arkansas Water	33	465	\$1,700,000	313,588	NO	\$43,890	NO	24" and 16" Transmission Main from Tanks 14A and 14B	ANRC Funding - project complete	2014	Remove next year



No.	PWS	Total Points	PWS ID.	Project Cost	Population	Small System (Y/N)	MHI	Disadvantaged (Y/N)	Project Description	Status of Project	PPL Application Year	Notes
49	Chidester Waterworks	32	403	\$1,643,716	335	YES	\$28,000	YES	Distribution System Replacement	No Funding Application Received	2012	Remove next year
50	Mount Holly Waterworks	32	156	\$273,982	384	YES	\$41,106	NO	Water System Improvements	No Funding Application Received	2020	
51	Strong, City of	32	556	\$1,341,781	1,220	YES	\$21,250	YES	Water Line Replacement	ANRC Funding - project complete	2013	Remove next year
52	Reed, City of	32	603	\$612,256	141	YES	\$18,462	YES	Water Line replacement	DWSRF - closed Oct 2021	2014	
53	Caraway Waterworks	31	127	\$527,000	1,375	YES	\$42,292	NO	Water Supply Well and Tank Rehab	DWSRF - closed Mar 2021	2020	
54	Bella Vista POA	31	39	\$4,300,500	24,485	NO	\$57,929	NO	Distribution improvements	ANRC Funding -project complete	2004	Remove next year
55	Huttig, City of	31	553	\$2,100,000	777	YES	\$31,250	YES	Water Line Replacement and New Well	ANRC Funding -project complete	2016	Remove next year
56	Wooster, City of	31	196	\$2,475,510	3,700	YES	\$57,471	NO	Water System Improvements	ANRC Funding -project complete	2016	Remove next year
57	Eudora, City of	30	83	\$4,000,000	3,158	YES	\$18,438	YES	Water Line Replacement and System Improvements	ANRC Funding -project complete	2014	Remove next year
58	Benton Washington RPWA	30	871	\$29,500,000	16,300	NO	\$44,048	NO	Water treatment improvements	No Funding Application Received	2006	Remove next year
59	Lakeview Municipal Water	30	420	\$230,000	575	YES	\$15,536	YES	Rehab of Storage Tank	No Funding Application Received	2012	Remove next year
60	Highway 4 & 24 Water Association	29	765	\$784,889	2,165	Yes	\$31,233	Yes	Water System Improvements	DWSRF - closed Nov 2021	2020	

No.	PWS	Total Points	PWS ID.	Project Cost	Population	Small System (Y/N)	MHI	Disadvantaged (Y/N)	Project Description	Status of Project	PPL Application Year	Notes
61	South Pike County Water	29	978	\$299,685	742	YES	\$32,045	YES	Booster Station Improvements	ANRC Funding - project complete	2017	Remove next year
62	Wilton Waterworks	29	321	\$1,163,082	534	YES	\$30,625	YES	Distribution System Replacement and Tank Rehab	ANRC Funding - project complete	2012	Remove next year
63	Coy Waterworks	27	340	\$46,000	310	YES	\$36,250	YES	Rehab of Storage Tank	No Funding Application Received	2012	Remove next year
64	Saline County Waterworks PFB	27	491	\$165,800	491	YES	\$30,500	YES	Mountain Circle Standpipe	No Funding Application Received	2014	Remove next year
65	North Howard RWA	27	1075	\$2,227,535	964	YES	\$33,729	YES	Replacement of Existing 10" Water Main	ANRC Funding - project complete	2016	Remove next year
66	Mitchellville	27	169	\$284,987	496	YES	\$18,383	YES	Water System Rehabilitation and Tank Rehabilitation	<b>DWSRF - closed Jul 2021</b>	2017	
67	Flippin, City of	25	351	\$2,000,000	3,325	YES	\$28,942	YES	Storage/Distribution Improvements	No Funding Application Received	2007	Remove next year
68	Emerson Waterworks	24	111	\$344,700	1,145	YES	\$30,156	YES	Water Meter Replacement Project	ANRC Funding - project complete	2019	Remove next year
69	Frenchport	24		\$354,068	1,669	YES	\$32,136	YES	Water Meter Replacement Project	ANRC Funding - project complete	2018	Remove next year
70	McCrory	24	599	\$415,000	1,647	YES	\$29,750	YES	Water Meter Replacement Project	ANRC Funding - project complete	2019	Remove next year
71	Bearden	24	401	\$303,400	855	YES	\$22,727	YES	Water Meter Replacement Project	ANRC Funding - project complete	2018	Remove next year
72	Rison, City of	24	106	\$331,309	1,344	YES	\$34,271	YES	Water Meter Replacement Project	ANRC Funding - project complete	2016	Remove next year

No.	PWS	Total Points	PWS ID.	Project Cost	Population	Small System (Y/N)	MHI	Disadvantaged (Y/N)	Project Description	Status of Project	PPL Application Year	Notes
73	Wright-Pastoria Water Association	24	695	\$3,180,875	1,268	YES	\$35,381	YES	Water Main Replacement Project	ANRC Funding - project complete	2017	Remove next year
74	Lawson Urbana Water Association	23	548	\$707,784	1,108	YES	\$41,106	NO	Well No. 4 Construction	<b>DWSRF - closed Jul 2021</b>	2020	
75	Wabbaseka Waterworks	23	283	\$405,000	244	YES	\$22,206	YES	Water Treatment Rehab	No Funding Application Received	2009	Remove next year
76	Tri County Regional Water	22	782	\$800,000	16,698	NO	\$40,668	NO	Hector Plant Upgrade/Raw Water Pumps	<b>DWSRF - complete May 2021</b>	2020	
77	Hickory Ridge	22	159	\$1,207,411	280	YES	\$30,568	YES	Water System Replacement	<b>DWSRF - closed Sept 2021</b>	2019	
78	Tyronza	21	426	\$245,000	1,262	YES	\$38,125	YES	Painting Elevated Tank	<b>DWSRF - closed Sept 2020</b>	2020	
79	Harmony Grove	21	402	\$609,994	2,317	YES	\$32,136	YES	Water Meter Replacements	ANRC Funding - project complete	2019	Remove next year
80	Dermott Waterworks	21	082	\$1,735,648	2,889	YES	\$22,077	YES	Water System Rehabilitation	<b>DWSRF - closed Aug 2020</b>	2019	
81	Harrell Waterworks	21	071	\$1,489,843	296	YES	\$28,125	YES	Water System Replacement and Tank Rehabilitation	ANRC Funding - project complete	2018	Remove next year
82	Lewisville Waterworks	21	297	\$2,916,583	1,687	YES	\$23,182	YES	Waterline Improvements	<b>DWSRF - closed Jan 2021</b>	2018	
83	Mt. Ida Waterworks	21	392	\$499,800	3,218	YES	\$40,444	NO	Water Meter Replacements	<b>DWSRF - closed Jun 2020</b>	2019	
84	Bauxite	21	497	\$210,000	574	YES	\$42,404	NO	Water Meter Replacements	<b>DWSRF - closed Feb 2021</b>	2019	

No.	PWS	Total Points	PWS ID.	Project Cost	Population	Small System (Y/N)	MHI	Disadvantaged (Y/N)	Project Description	Status of Project	PPL Application Year	Notes
85	Jefferson Samples Dexter	21	276	\$368,000	2,552	YES	\$36,377	YES	Water Meter Replacements	ANRC Funding - project complete	2019	Remove next year
86	Junction City Waterworks	21	552	\$2,283,408	552	YES	\$46,765	NO	Water System Rehabilitation	No Funding Application Received	2018	
87	Mountain View Water & Wastewater	21	542	\$675,000	5,864	YES	\$19,302	YES	Distribution System Improvements	Declined funding - remove from PPL	2006	Remove next year
88	Salem Water Users	21	492	\$9,000,000	15,713	NO	\$58,985	NO	Water System Improvements	<b>DWSRF - closed Oct 2020</b>	2019	
89	Danville Waterworks	21	603	\$491,165	2,810	YES	\$42,800	NO	Water Meter Replacements	No Funding Application Received	2019	
90	Berryville, City of	21	74	\$926,266	5,020	YES	\$28,537	YES	CR 501 Water Main Upgrade	No Funding Application Received	2012	Remove next year
91	Tollette Waterworks	21	618	\$46,000	339	YES	\$21,125	YES	Rehab of Storage Tank	No Funding Application Received	2012	Remove next year
92	Bryant. City of	21	486	\$2,000,000	15,382	NO	\$54,521	NO	Automated Meter Reading System & Replacement	No Funding Application Received	2012	Remove next year
93	Danville Waterworks	21	603	\$360,500	2,705	YES	\$33,632	YES	Cedar Piney Transmission Main	No Funding Application Received	2014	Remove next year
94	Riviera Utilities now called Lake Catherine WW & SFB	21	239	\$207,275	1,800	YES	\$38,680	YES	Meter Change out and Upgrade Project	ANRC Funding - project complete	2014	Remove Next Year
95	Midway Water Association	21	153	\$548,580	2,100	YES	\$43,594	No	Water Meter Replacement Project	ANRC Funding - project complete	2017	Remove next year
96	Palestine	21	536	\$500,000	1,857	YES	\$35,170	YES	Water Meter Replacement Project	ANRC Funding - project complete	2018	Remove next year

No.	PWS	Total Points	PWS ID.	Project Cost	Population	Small System (Y/N)	MHI	Disadvantaged (Y/N)	Project Description	Status of Project	PPL Application Year	Notes
97	Tumbling Shoals	21	579	\$1,000,000	4,830	YES	\$43,686	No	Water Meter Replacement Project	ANRC Funding - project complete	2018	Remove next year
98	Omaha	21	064	\$850,000	1,163	YES	\$26,343	Yes	Water Meter Replacement Project	<b>DWSRF - closed Jul 2020</b>	2018	
99	Success	21	095	\$500,000	164	YES	\$32,725	Yes	Water Meter Replacement Project	ANRC Funding - project complete	2018	Remove next year
100	Wooster	21	196	\$500,000	3,794	YES	\$61,530	No	Water Meter Replacement Project	ANRC Funding - project complete	2018	Remove next year
101	Clinton Waterworks	21	564	\$1,800,000	12,838	NO	\$38,148	Yes	Water Meter Replacement Project	<b>DWSRF - closed Aug 2020</b>	2018	
102	Carlisle	21	339	\$413,500	2,214	YES	\$49,545	No	Water Meter Replacement Project	ANRC Funding - project complete	2019	Remove next year
103	Milltown-Washburn	21	773	\$500,000	3,807	YES	\$60,049	No	Water Meter Replacement Project	No Funding Application Received	2018	
104	Garfield	21	047	\$500,000	640	YES	\$60,499	No	Water Meter Replacement Project	No Funding Application Received	2018	
105	Sulphur Springs	21	057	\$500,000	628	YES	\$26,710	Yes	Water Meter Replacement Project	No Funding Application Received	2018	
106	Pleasant View Water PFB	21	202	\$500,000	1,698	YES	\$34,819	Yes	Water Meter Replacement Project	No Funding Application Received	2018	
107	Nashville Rural Water	21	805	\$500,000	6,958	YES	\$29,561	Yes	Water Meter Replacement Project	ANRC Funding - project complete	2018	Remove next year
108	Watalula Water	21	606	\$500,000	2,278	YES	\$31,825	Yes	Water Meter Replacement Project	ANRC Funding - project complete	2018	Remove next year

No.	PWS	Total Points	PWS ID.	Project Cost	Population	Small System (Y/N)	MHI	Disadvantaged (Y/N)	Project Description	Status of Project	PPL Application Year	Notes
109	East Johnson County	20	772	\$525,000	4,210	YES	\$27,910	YES	Water Meter Replacement Project	ANRC Funding - project complete	2018	Remove next year
110	Madison County Water Facilities Board	17	349	\$1,255,696	9,688		\$36,502		Booster Pump Station & Tank Rehab	<b>DWSRF - closed Aug 2020</b>	2019	
111	Ladd Water Association	16	277	\$365,000	2,800	YES	\$28,891	YES	Water System Improvements	Entity decided not to porceed with project	2009	Remove next year
112	North White County	14	583	\$521,350	5,300	YES	\$40,781	NO	Water Meter Replacement	ANRC Funding - project complete	2018	Remove next year
113	Washington Water Authority	14	574	\$3,689,036	16,750	NO	\$50,580	NO	Water Meter Replacment	ANRC Funding - project complete	2019	Remove next year
114	Hamburg	14	015	\$2,301,916	5,481	YES	\$36,352	YES	Water System Improvements	No Funding Application Received	2019	Remove next year
115	Eudora, City of	14	083	\$1,758,184	3,110	YES	\$29,383	YES	Water Storage Tank Rehab	ANRC Funding - project complete	2019	Remove next year
116	Watson Chapel	14	284	\$775,000	5,865	YES	\$32,498	YES	Water Meter Replacement	ANRC Funding - project complete	2018	Remove next year
117	Bono Waterworks	13	126	\$180,000	1,971	YES	\$31,429	YES	Radio Meter Replacement	No Funding Application Received	2012	Remove next year
118	Gosnell Water Association	13	374	\$750,000	3,612	YES	\$42,475	NO	System Loop	No Funding Application Received	2012	Remove next year
119	Hampton Waterworks	11	70	\$296,340	1,730	YES	\$32,500	YES	Water Tank Rehab	No Funding Application Received	2009	Remove next year
120	Hope Tank Rehab	11	230	\$500,000	11,405	NO	\$29,774	YES	Tank Rehab	No Funding Application Received	2009	Remove next year

No.	PWS	Total Points	PWS ID.	Project Cost	Population	Small System (Y/N)	MHI	Disadvantaged (Y/N)	Project Description	Status of Project	PPL Application Year	Notes
121	Fifty-Six	11	046	\$2,000,000	163	YES	\$34,375	YES	Water System Upgrades, connection to Mtn. View water source	<b>DWSRF - closed Aug 2021</b>	2021	
122	Vilonia	11	195	\$1,747,612	23,177	NO	\$50,000	NO	Water Meter Replacements	ANRC Funding - project complete	2019	Remove next year
123	Vilonia	11	195	\$1,045,300	23,177	NO	\$50,000	NO	Waterline Improvements	Declined funding - remove from PPL	2018	Remove next year
124	Melbourne Waterworks	11	256	\$701,400	3,600	YES	\$32,721	YES	Water Meter Replacements	<b>DWSRF - closed Aug 2020</b>	2019	
125	Nashville	11	244	\$525,000	2,053	YES	\$28,229	YES	Water Meter Replacements	ANRC Funding - project complete	2019	Remove next year
126	Crossett	11	339	\$1,758,184	8,038	YES	\$30,393	YES	Water Meter Replacements	ANRC Funding - project complete	2019	Remove next year
127	Gosnell Water Association	11	374	\$350,000	3,612	YES	\$42,475	NO	Meter Change out and Upgrade Project	No Funding Application Received	2012	Remove next year
128	Prescott, City of	11	394	\$2,997,276	5,198	YES	\$25,104	YES	Raw Water Main Replacement	ANRC Funding - project complete	2016	Remove next year
129	Stamps, City of	11	296	\$2,581,633	2,268	YES	\$25,987	YES	Replacement of Existing Water Distribution System	ANRC Funding - project complete	2016	Remove next year
130	Greenbrier	11	191	\$137,000	7,893	YES	\$50,316	NO	Water Meter Replacements	ANRC Funding - project complete	2019	Remove next year
131	Helena Water Sewer	3	418	\$750,000	5,500	Yes	\$21,653	YES	Water Meter Replacement Project & ESCO	ANRC Funding - project complete	2018	Remove next year
132	West Helena Water Works	3	416	\$750,000	7,500	Yes	\$21,653	YES	Water Meter Replacement Project & ESCO	ANRC Funding - project complete	2018	Remove next year



<b>No.</b>	<b>PWS</b>	<b>Total Points</b>	<b>PWS ID.</b>	<b>Project Cost</b>	<b>Population</b>	<b>Small System (Y/N)</b>	<b>MHI</b>	<b>Disadvantaged (Y/N)</b>	<b>Project Description</b>	<b>Status of Project</b>	<b>PPL Application Year</b>	<b>Notes</b>
133	Hope WL	3	230	\$450,000	11,405	NO	\$29,774	YES	Water Line Replacement	No Funding Application Received	2012	Remove next year
134	Pocahontas	3	474	\$1,200,000	7,547	YES	\$34,248	YES	Water Meter Replacement Project	ANRC Funding - project complete	2018	Remove next year
135	Dyer Waterworks	3	143	\$750,000	1,010	Yes	\$45,088	No	Water Meter Replacement Project	ANRC Funding - project complete	2019	Remove next year
136	Mountain Top PWA	3	454	\$500,000	8,700	yes	\$59,500	No	Water Meter Replacement Project	ANRC Funding - project complete	2020	Remove next year
137	Central Arkansas Water	3	465	\$50,000,000	313,588	NO	\$43,890	NO	ESCO Audit	No Funding Application Received	2018	Remove next year

## **VII. Appendix B – Financial Statement & Capacity Analysis**

**Appendix B-1 – Statement of Net Position**

<b>YEARS ENDING JUNE 30, 2021 and June 30, 2020</b>		
	<b>2021 (UNAUDITED)</b>	<b>2020 (UNAUDITED)</b>
<b>ASSETS</b>		
<b><i>Current Assets</i></b>		
Cash and cash equivalents	\$ 89,914,084	\$ 125,908,399
Accrued interest receivable:		
Investment	\$ 8,997	\$ 38,204
Loans	\$ 50,836	\$ 83,198
Accounts receivable:	\$ -	\$ -
Borrowers	\$ 61,376	\$ 66,041
EPA	\$ 299,986	\$ 310,495
Receivable from other fund		
Investments - current portion		
<b><i>Total Current Assets</i></b>	<b>\$ 90,335,279</b>	<b>\$ 126,406,337</b>
<b><i>Noncurrent Assets</i></b>		
Investments - restricted		
Loans receivable - restricted		
Constructon	\$ 204,259,906	\$ 171,610,408
NE Arkansas PWA		
<b><i>Total Noncurrent Assets</i></b>	<b>\$ 204,259,906</b>	<b>\$ 171,610,408</b>
<b>TOTAL ASSETS</b>	<b>\$ 294,595,185</b>	<b>\$ 298,016,745</b>
<b>LIABILITIES</b>		
<b><i>Current Liabilities</i></b>		
Accounts payable	\$ 388,608	\$ 413,554
Payable to other fund		
Accrued interest payable	\$ -	\$ 49,916
Bonds payable-current portion	\$ -	\$ 1,985,000
<b><i>Total Current Liabilities</i></b>	<b>\$ 388,608</b>	<b>\$ 2,448,470</b>
<b><i>Noncurrent Liabilities</i></b>		
Bonds payable-net of unamortized premiums	\$ -	\$ 11,950,644
<b><i>Total Noncurrent Liabilities</i></b>	<b>\$ -</b>	<b>\$ 11,950,644</b>
<b>TOTAL LIABILITIES</b>	<b>\$ 388,608</b>	<b>\$ 14,399,114</b>
<b>Net Position</b>		
Restricted by bond resolution and program administration	\$ 294,206,577	\$ 283,617,631

**Appendix B-2 – Revenues, Expenses & Changes in Net Position**

<b>YEARS ENDING JUNE 30, 2021 and June 30, 2020</b>		
	<b>2021 (UNAUDITED)</b>	<b>2020 (UNAUDITED)</b>
<b><u>OPERATING REVENUES</u></b>		
Interest on:		
Investments	\$ 162,448	\$ 1,380,157
Loans	\$ 2,504,279	\$ 2,681,990
Financing fees	\$ 1,690,383	\$ 1,584,099
Net depreciation of investments	\$ 1,308	\$ 455,129
Total Operating Revenues	\$ 4,358,418	\$ 6,101,375
<b><u>OPERATING EXPENSES</u></b>		
Program Administration	\$ 384,562	\$ 180,816
Federal financial assistance programs	\$ 4,492,825	\$ 2,590,031
Bond Interest	\$ 549,072	\$ 693,633
Amortization of bond premiums	\$ (785,644)	\$ (249,332)
Total Operating Expenses	\$ 4,640,815	\$ 3,215,148
<b><u>OPERATING Income (Loss)</u></b>	\$ (282,397)	\$ 2,886,227
<b><u>NON-OPERATING REVENUE</u></b>		
Base federal grants	\$ 11,176,700	\$ 21,310,670
<b><u>INCOME BEFORE TRANSFERS OUT, NET</u></b>	\$ 10,894,303	\$ 24,196,897
Transfers (Out), Net	\$ (305,357)	\$ (287,678)
Change in Net Position	\$ 10,588,946	\$ 23,909,219
<b><u>NET POSITION</u></b>		
Beginning of year	\$ 283,617,631	\$ 259,708,412
End of year	\$ 294,206,577	\$ 283,617,631

### Appendix B-3 – Statement of Cash Flows

YEARS ENDING JUNE 30, 2021 and June 30, 2020		
	2021 (UNAUDITED)	2020 (UNAUDITED)
<b><u>OPERATING ACTIVITIES</u></b>		
Financing fees received	\$ 1,695,048	\$ 1,488,980
Cash paid for program administration	\$ (325,213)	\$ (191,761)
Net cash provided by operating activities	\$ 1,369,835	\$ 1,297,219
<b><u>NON-CAPITAL FINANCING ACTIVITIES</u></b>		
Repayment of long-term debt	\$ (13,150,000)	\$ (2,065,000)
Cash paid for interest	\$ (598,988)	\$ (702,237)
Transfer out	\$ (327,153)	\$ (307,024)
Nonoperation grants received	\$ 11,124,710	\$ 21,437,382
Net cash provided by non capital financing activities	\$ (2,951,431)	\$ 18,363,121
<b><u>INVESTING ACTIVITIES</u></b>		
Interest received on investments	\$ 191,655	\$ 1,512,493
Interest received on loans	\$ 2,536,641	\$ 2,690,082
Principal repayments on loans	\$ 14,488,730	\$ 15,775,505
Loan disbursements	\$ (47,138,228)	\$ (30,417,384)
Federal grant funds expended	\$ (4,492,825)	\$ (2,590,031)
Proceeds from maturities of investments	\$ 1,308	\$ 46,005,758
Purchase of investments		
Net Cash provided by (used in) investing activities	\$ (34,412,719)	\$ 32,976,423
Increase (Decrease) in Cash and Cash Equivalents	\$ (35,994,315)	\$ 52,636,763
<b><u>CASH AND CASH EQUIVALENTS:</u></b>		
Beginning of year	\$ 125,908,399	\$ 73,271,636
End of Year	\$ 89,914,084	\$ 125,908,399
<b><u>RECONCILIATION OF OPERATING INCOME TO NET CASH (Used) IN OPERATING ACTIVITIES:</u></b>		
Operating Income (Loss)	\$ (282,397)	\$ 2,886,227
Items not providing operating activities cash flows:		
Interest on investments	\$ (162,448)	\$ (1,380,157)
Interest on loans	\$ (2,504,279)	\$ (2,681,990)
Bond interest paid	\$ 549,072	\$ 693,633
Amortization of bond premiums	\$ (785,644)	\$ (249,332)
Net depreciation (appreciation) of investments	\$ (1,308)	\$ (455,129)
Federal grants expended	\$ 4,492,825	\$ 2,590,031
nonon cash federal grant	\$ 62,500	\$ -
Changes in		
Accounts receivable		
Borrowers	\$ 4,665	\$ (41,651)
Receivable from other fund	\$ -	\$ (53,468)
Accounts Payable	\$ (3,151)	\$ (10,945)
Net cash provided by operating activities	\$ 1,369,835	\$ 1,297,219

### **Appendix B-4 – Pace Calculations – Financial Indicators**

The missing financial indicator data will be added when it becomes available from EPA to ANRC.

<b>FEDERAL RETURN ON INVESTMENT</b>			
<b>State Fiscal Year</b>	<b>Cumulative Assistance Disbursed</b>	<b>Cumulative Federal Cash Draws</b>	<b>Federal Return on Investment</b>
2015	\$ 208,526,297	\$ 211,919,279	98.40%
2016	\$ 219,164,456	\$ 222,754,746	98.39%
2017	\$ 227,298,217	\$ 222,754,746	102.04%
2018	\$ 237,297,944	\$ 235,247,630	100.87%
2019	\$ 253,067,130	\$ 245,443,638	103.11%
2020	\$ 286,074,546	\$ 257,266,358	111.20%
2021	\$ 337,580,940		#DIV/0!
<b>EXECUTED LOANS AS A PERCENTAGE OF FUNDS AVAILABLE</b>			
<b>State Fiscal Year</b>	<b>Total RLF Assistance Provided (Loans)</b>	<b>Cumulative Funds Available for Loans</b>	<b>Executed Loans as a % of Funds Available</b>
2015	\$ 258,254,147	\$ 308,916,116	83.60%
2016	\$ 262,254,147	\$ 329,872,715	79.50%
2017	\$ 274,634,147	\$ 356,424,953	77.05%
2018	\$ 281,406,500	\$ 378,130,754	74.42%
2019	\$ 295,841,500	\$ 405,613,385	72.94%
2020	\$ 348,677,900	\$ 438,289,278	79.55%
2021	\$ 415,618,172		#DIV/0!
<b>LOAN DISBURSEMENTS AS A PERCENTAGE OF EXECUTED LOANS</b>			
<b>State Fiscal Year</b>	<b>Cumulative Assistance Disbursed</b>	<b>Total RLF Assistance Provided (Loans)</b>	<b>Loan Disbursements as a % of Executed Loans</b>
2015	\$ 208,526,297	\$ 258,254,147	80.74%
2016	\$ 219,164,456	\$ 262,254,147	83.57%
2017	\$ 227,298,217	\$ 274,634,147	82.76%
2018	\$ 237,297,944	\$ 281,406,500	84.33%
2019	\$ 253,067,130	\$ 295,841,500	85.54%
2020	\$ 253,067,130	\$ 348,677,900	72.58%
2021	\$ 337,580,940	\$ 415,618,172	81.22%
<b>***Note: All data from NIMS which includes ARRA totals</b>			

## Appendix B-5 – Capacity Analysis Bond Issuance

\* Preliminary for Discussion Only \*

### Arkansas Development Finance Authority / Arkansas Natural Resources Commission Preliminary 2021 Drinking Water SRF Capacity Analysis Scenario - 30.00% Subsidy

#### Summary of Projected Program Capacity

Loan Funding Sources						Loan Funding Uses									
Fiscal Year	Bonds Sold	Assumed Bond Rate	Federal Cap Grants	State Match	Revenue Fund Releases	(2)	Direct Funded Loans	Total No Interest Loans	Total New Loans	Cumulative Loans Funded	Inflation Adjusted Total New Loans at 2.43%	(3)	(1)	Effective Subsidy	
						Bond Funded New Loans						Cumulative Inflation Adjusted Total New Loans at New Loans at			Effective Loan Rate
2022	31,000,000	1.93%	7,454,700	3,313,200	12,696,572	30,535,000	99,951,917	-	130,486,917	130,486,917	130,486,917	130,486,917	0.35%	81.87%	
2023	31,000,000	2.25%	7,454,700	3,313,200	14,506,146	30,535,000	25,274,046	-	55,809,046	186,295,962	54,483,995	184,970,912	0.58%	74.22%	
2024	31,000,000	2.50%	-	-	19,479,916	30,535,000	19,479,916	-	50,014,916	236,310,878	47,668,144	232,639,055	0.75%	70.00%	
2025	31,000,000	3.00%	-	-	24,368,543	30,535,000	24,368,543	-	54,903,543	291,214,422	51,085,002	283,724,057	1.10%	63.33%	
2026	31,000,000	3.00%	-	-	24,794,515	30,535,000	24,794,515	-	55,329,515	346,543,936	50,259,047	333,983,104	1.10%	63.33%	
2027	31,000,000	3.00%	-	-	24,640,683	30,535,000	24,640,683	-	55,175,683	401,719,619	48,929,351	382,912,455	1.10%	63.33%	
2028	31,000,000	3.50%	-	-	24,510,662	30,535,000	24,510,662	-	55,045,662	456,765,280	47,655,078	430,567,533	1.45%	58.57%	
2029	31,000,000	3.50%	-	-	24,052,019	30,535,000	24,052,019	-	54,587,019	511,352,299	46,135,986	476,703,519	1.45%	58.57%	
2030	31,000,000	3.50%	-	-	24,476,154	30,535,000	24,476,154	-	55,011,154	566,363,452	45,390,559	522,094,078	1.45%	58.57%	
2031	31,000,000	4.00%	-	-	23,961,311	30,535,000	23,961,311	-	54,496,311	620,859,763	43,898,152	565,992,229	1.80%	55.00%	
2032	31,000,000	4.00%	-	-	23,987,008	30,535,000	23,987,008	-	54,522,008	675,381,771	42,876,104	608,868,333	1.80%	55.00%	
2033	31,000,000	4.00%	-	-	24,543,484	30,535,000	24,543,484	-	55,078,484	730,460,255	42,285,338	651,153,671	1.80%	55.00%	
2034	31,000,000	4.00%	-	-	25,102,387	30,535,000	25,102,387	-	55,637,387	786,097,642	41,700,273	692,853,943	1.80%	55.00%	
2035	30,000,000	4.00%	-	-	25,381,465	29,550,000	25,381,465	-	54,931,465	841,029,107	40,193,674	733,047,617	1.80%	55.00%	
2036	30,000,000	4.00%	-	-	25,524,954	29,550,000	25,524,954	-	55,074,954	896,104,062	39,341,871	772,389,488	1.80%	55.00%	
2037	30,000,000	4.00%	-	-	25,594,815	29,550,000	25,594,815	-	55,144,815	951,248,876	38,456,512	810,846,000	1.80%	55.00%	
2038	30,000,000	4.00%	-	-	25,445,827	29,550,000	25,445,827	-	54,995,827	1,006,244,703	37,442,022	848,288,022	1.80%	55.00%	
2039	30,000,000	4.00%	-	-	26,420,590	29,550,000	26,420,590	-	55,970,590	1,062,215,293	37,200,930	885,488,952	1.80%	55.00%	
2040	30,000,000	4.00%	-	-	27,443,373	29,550,000	27,443,373	-	56,993,373	1,119,208,666	36,981,338	922,470,290	1.80%	55.00%	
2041	30,000,000	4.00%	-	-	28,407,556	29,550,000	28,407,556	-	57,957,556	1,177,166,222	36,714,082	959,184,371	1.80%	55.00%	
TOTAL	613,000,000		14,909,400	6,626,400	475,337,977	603,805,000	573,361,222	-	1,177,166,222		959,184,371				

(1) Effective interest rate represents total loan rate less 1.0% of Admin Fees.

(2) Future leveraged loan totals represent the projected future bond par amount less cost of issuance expenses which have been estimated at 1.50%. Preliminary, for discussion purposes only.

(3) Inflation rate estimate.

Note: Scenario assumes all currently outstanding Direct Loans are pledged to bond debt service. Excess coverage will recycle to equity for funding of additional pledged Direct Loans.

<i>Proof of Perpetuity in Final Year:</i>	<i>6/1/2062</i>
To-Date Capitalization to Preserve:	254,034,377
Assumed Future Capitalization:	21,535,800
Total Preservation Requirement:	275,570,177
Equity Fund Balance on 6/1/2062:	275,875,580
Perpetuity Excess/(Shortfall):	305,403



Arkansas Development Finance Authority / Arkansas Natural Resources Commission  
Preliminary 2021 Drinking Water SRF Capacity Analysis  
Scenario - 30.00% Subsidy

*Projected Drinking Water Debt Service Coverage*

FYE	Net Revenues	Total Loan P&I Available for Debt Service	Total Debt Service	Excess Available	Transfer (to)/from Equity Fund	Coverage
2022	12,696,572	12,696,572	-	12,696,572	(12,696,572)	n/a
2023	15,104,446	15,104,446	598,300	14,506,146	(14,506,146)	25.25x
2024	22,060,492	22,060,492	2,580,576	19,479,916	(19,479,916)	8.55x
2025	28,968,523	28,968,523	4,599,980	24,368,543	(24,368,543)	6.30x
2026	31,538,055	31,538,055	6,743,541	24,794,515	(24,794,515)	4.68x
2027	33,467,910	33,467,910	8,827,228	24,640,683	(24,640,683)	3.79x
2028	35,421,576	35,421,576	10,910,915	24,510,662	(24,510,662)	3.25x
2029	37,201,620	37,201,620	13,149,602	24,052,019	(24,052,019)	2.83x
2030	39,806,948	39,806,948	15,330,795	24,476,154	(24,476,154)	2.60x
2031	41,473,299	41,473,299	17,511,988	23,961,311	(23,961,311)	2.37x
2032	43,835,189	43,835,189	19,848,182	23,987,008	(23,987,008)	2.21x
2033	46,672,700	46,672,700	22,129,216	24,543,484	(24,543,484)	2.11x
2034	49,512,637	49,512,637	24,410,250	25,102,387	(25,102,387)	2.03x
2035	52,072,750	52,072,750	26,691,284	25,381,465	(25,381,465)	1.95x
2036	54,457,273	54,457,273	28,932,319	25,524,954	(25,524,954)	1.88x
2037	56,734,586	56,734,586	31,139,771	25,594,815	(25,594,815)	1.82x
2038	58,793,051	58,793,051	33,347,224	25,445,827	(25,445,827)	1.76x
2039	61,975,266	61,975,266	35,554,676	26,420,590	(26,420,590)	1.74x
2040	65,205,502	65,205,502	37,762,129	27,443,373	(27,443,373)	1.73x
2041	68,377,137	68,377,137	39,969,581	28,407,556	(28,407,556)	1.71x
2042	71,720,502	71,720,502	42,177,034	29,543,468	(29,543,468)	1.70x
2043	71,800,578	71,800,578	43,184,486	28,616,091	(28,616,091)	1.66x
2044	64,865,502	64,865,502	41,301,411	23,564,092	(23,564,092)	1.57x
2045	58,832,746	58,832,746	39,359,507	19,473,239	(19,473,239)	1.49x
2046	56,136,614	56,136,614	37,370,946	18,765,669	(18,765,669)	1.50x
2047	53,069,756	53,069,756	35,287,259	17,782,497	(17,782,497)	1.50x
2048	49,979,214	49,979,214	33,203,572	16,775,643	(16,775,643)	1.51x
2049	46,897,448	46,897,448	31,119,885	15,777,563	(15,777,563)	1.51x
2050	43,474,615	43,474,615	28,938,691	14,535,924	(14,535,924)	1.50x
2051	40,315,409	40,315,409	26,757,498	13,557,911	(13,557,911)	1.51x
2052	37,131,725	37,131,725	24,576,305	12,555,420	(12,555,420)	1.51x
2053	33,821,658	33,821,658	22,295,270	11,526,388	(11,526,388)	1.52x
2054	30,509,485	30,509,485	20,014,236	10,495,249	(10,495,249)	1.52x
2055	26,794,642	26,794,642	17,733,202	9,061,440	(9,061,440)	1.51x
2056	23,457,360	23,457,360	15,452,168	8,005,192	(8,005,192)	1.52x
2057	20,162,421	20,162,421	13,244,715	6,917,706	(6,917,706)	1.52x
2058	16,858,875	16,858,875	11,037,263	5,821,612	(5,821,612)	1.53x
2059	13,551,139	13,551,139	8,829,810	4,721,329	(4,721,329)	1.53x
2060	10,252,339	10,252,339	6,622,358	3,629,981	(3,629,981)	1.55x
2061	6,895,070	6,895,070	4,414,905	2,480,165	(2,480,165)	1.56x
2062	3,476,452	3,476,452	2,207,453	1,269,000	(1,269,000)	1.57x
	1,635,379,082	1,635,379,082	885,165,525	750,213,557	(750,213,557)	

Arkansas Development Finance Authority / Arkansas Natural Resources Commission  
Preliminary 2021 Drinking Water SRF Capacity Analysis  
Scenario - 30.00% Subsidy

*Drinking Water - Revenue Fund*

FYE	Existing	<u>Future Pledged Loans</u>		Revenue Fund		Total
	Loan Repayments	Leveraged Repayments	Direct Repayments	No Interest Loan Repayments	Earnings @ 0.00%	Net Revenues for Debt Service
2022	12,696,572	-	-	-	-	12,696,572
2023	14,647,741	106,873	349,832	-	-	15,104,446
2024	14,970,031	1,760,582	5,329,879	-	-	22,060,492
2025	18,863,140	3,433,923	6,671,460	-	-	28,968,523
2026	18,501,508	5,190,621	7,845,926	-	-	31,538,055
2027	17,353,457	6,899,814	9,214,639	-	-	33,467,910
2028	16,211,751	8,609,008	10,600,817	-	-	35,421,576
2029	14,712,112	10,425,074	12,064,434	-	-	37,201,620
2030	14,133,696	12,194,854	13,478,399	-	-	39,806,948
2031	12,630,085	13,964,633	14,878,581	-	-	41,473,299
2032	11,620,309	15,841,286	16,373,595	-	-	43,835,189
2033	11,188,520	17,672,858	17,811,322	-	-	46,672,700
2034	10,748,061	19,504,431	19,260,145	-	-	49,512,637
2035	9,994,356	21,336,003	20,742,390	-	-	52,072,750
2036	9,054,304	23,149,846	22,253,123	-	-	54,457,273
2037	8,034,095	24,922,336	23,778,156	-	-	56,734,586
2038	6,787,756	26,694,825	25,310,469	-	-	58,793,051
2039	6,664,917	28,467,315	26,843,034	-	-	61,975,266
2040	6,578,808	30,239,804	28,386,890	-	-	65,205,502
2041	6,374,764	32,012,294	29,990,079	-	-	68,377,137
2042	6,282,155	33,784,783	31,653,563	-	-	71,720,502
2043	3,929,015	35,025,373	32,846,190	-	-	71,800,578
2044	3,760,708	33,441,894	27,662,900	-	-	64,865,502
2045	691,453	31,820,463	26,320,830	-	-	58,832,746
2046	697,659	30,170,637	25,268,317	-	-	56,136,614
2047	704,022	28,461,444	23,904,290	-	-	53,069,756
2048	710,544	26,752,250	22,516,420	-	-	49,979,214
2049	717,232	25,043,056	21,137,160	-	-	46,897,448
2050	484,793	23,273,277	19,716,545	-	-	43,474,615
2051	489,399	21,503,497	18,322,513	-	-	40,315,409
2052	494,109	19,733,717	16,903,899	-	-	37,131,725
2053	452,879	17,902,145	15,466,634	-	-	33,821,658
2054	411,085	16,070,572	14,027,828	-	-	30,509,485
2055	-	14,239,000	12,555,643	-	-	26,794,642
2056	-	12,407,427	11,049,933	-	-	23,457,360
2057	-	10,634,938	9,527,483	-	-	20,162,421
2058	-	8,862,448	7,996,427	-	-	16,858,875
2059	-	7,089,958	6,461,180	-	-	13,551,139
2060	-	5,317,469	4,934,870	-	-	10,252,339
2061	-	3,544,979	3,350,091	-	-	6,895,070
2062	-	1,772,490	1,703,963	-	-	3,476,452
	261,591,036	709,278,197	664,509,849	-	-	1,635,379,082

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Scenario - 30.00% Subsidy

Drinking Water - Equity Fund

FYE	Beginning Balance	Transfers (to)/from Revenue Fund	Interest Earnings @ 0.00%	Future Direct Loan Funding (Pledged)	Future 10-Year No Interest Loan Funding	Future 20-Year No Interest Loan Funding	(1) Net Available Cap Grants & State Match	Ending Balance
2022	77,487,445	12,696,572	-	(99,951,917)	-	-	10,767,900	1,000,000
2023	1,000,000	14,506,146	-	(25,274,046)	-	-	10,767,900	1,000,000
2024	1,000,000	19,479,916	-	(19,479,916)	-	-	-	1,000,000
2025	1,000,000	24,368,543	-	(24,368,543)	-	-	-	1,000,000
2026	1,000,000	24,794,515	-	(24,794,515)	-	-	-	1,000,000
2027	1,000,000	24,640,683	-	(24,640,683)	-	-	-	1,000,000
2028	1,000,000	24,510,662	-	(24,510,662)	-	-	-	1,000,000
2029	1,000,000	24,052,019	-	(24,052,019)	-	-	-	1,000,000
2030	1,000,000	24,476,154	-	(24,476,154)	-	-	-	1,000,000
2031	1,000,000	23,961,311	-	(23,961,311)	-	-	-	1,000,000
2032	1,000,000	23,987,008	-	(23,987,008)	-	-	-	1,000,000
2033	1,000,000	24,543,484	-	(24,543,484)	-	-	-	1,000,000
2034	1,000,000	25,102,387	-	(25,102,387)	-	-	-	1,000,000
2035	1,000,000	25,381,465	-	(25,381,465)	-	-	-	1,000,000
2036	1,000,000	25,524,954	-	(25,524,954)	-	-	-	1,000,000
2037	1,000,000	25,594,815	-	(25,594,815)	-	-	-	1,000,000
2038	1,000,000	25,445,827	-	(25,445,827)	-	-	-	1,000,000
2039	1,000,000	26,420,590	-	(26,420,590)	-	-	-	1,000,000
2040	1,000,000	27,443,373	-	(27,443,373)	-	-	-	1,000,000
2041	1,000,000	28,407,556	-	(28,407,556)	-	-	-	1,000,000
2042	1,000,000	29,543,468	-	-	-	-	-	30,543,468
2043	30,543,468	28,616,091	-	-	-	-	-	59,159,559
2044	59,159,559	23,564,092	-	-	-	-	-	82,723,651
2045	82,723,651	19,473,239	-	-	-	-	-	102,196,890
2046	102,196,890	18,765,669	-	-	-	-	-	120,962,559
2047	120,962,559	17,782,497	-	-	-	-	-	138,745,056
2048	138,745,056	16,775,643	-	-	-	-	-	155,520,699
2049	155,520,699	15,777,563	-	-	-	-	-	171,298,262
2050	171,298,262	14,535,924	-	-	-	-	-	185,834,186
2051	185,834,186	13,557,911	-	-	-	-	-	199,392,097
2052	199,392,097	12,555,420	-	-	-	-	-	211,947,517
2053	211,947,517	11,526,388	-	-	-	-	-	223,473,905
2054	223,473,905	10,495,249	-	-	-	-	-	233,969,154
2055	233,969,154	9,061,440	-	-	-	-	-	243,030,594
2056	243,030,594	8,005,192	-	-	-	-	-	251,035,787
2057	251,035,787	6,917,706	-	-	-	-	-	257,953,493
2058	257,953,493	5,821,612	-	-	-	-	-	263,775,105
2059	263,775,105	4,721,329	-	-	-	-	-	268,496,434
2060	268,496,434	3,629,981	-	-	-	-	-	272,126,415
2061	272,126,415	2,480,165	-	-	-	-	-	274,606,580
2062	274,606,580	1,269,000	-	-	-	-	-	275,875,580
	750,213,557	-	-	(573,361,222)	-	-	21,535,800	

(1) Available Cap Grants are net of 4% Admin funds.

Arkansas Development Finance Authority / Arkansas Natural Resources Commission  
Preliminary 2021 Drinking Water SRF Capacity Analysis  
Scenario - 30.00% Subsidy

*Drinking Water - Existing Loans (Net of Admin Fees)*

FYE	Total Pledged & Non-Pledged Loans		Other Loans		Total Drinking Water Loans		
	Principal	Interest	Principal	Interest	Principal	Interest	Total P&I
2022	11,059,722	1,636,850	-	-	11,059,722	1,636,850	12,696,572
2023	12,865,154	1,782,587	-	-	12,865,154	1,782,587	14,647,741
2024	13,297,096	1,672,935	-	-	13,297,096	1,672,935	14,970,031
2025	16,412,806	2,450,334	-	-	16,412,806	2,450,334	18,863,140
2026	16,243,401	2,258,107	-	-	16,243,401	2,258,107	18,501,508
2027	15,281,656	2,071,801	-	-	15,281,656	2,071,801	17,353,457
2028	14,323,455	1,888,295	-	-	14,323,455	1,888,295	16,211,751
2029	12,998,347	1,713,765	-	-	12,998,347	1,713,765	14,712,112
2030	12,572,365	1,561,331	-	-	12,572,365	1,561,331	14,133,696
2031	11,219,721	1,410,364	-	-	11,219,721	1,410,364	12,630,085
2032	10,356,265	1,264,044	-	-	10,356,265	1,264,044	11,620,309
2033	10,066,119	1,122,401	-	-	10,066,119	1,122,401	11,188,520
2034	9,765,599	982,462	-	-	9,765,599	982,462	10,748,061
2035	9,144,222	850,135	-	-	9,144,222	850,135	9,994,356
2036	8,326,921	727,383	-	-	8,326,921	727,383	9,054,304
2037	7,416,574	617,521	-	-	7,416,574	617,521	8,034,095
2038	6,262,535	525,221	-	-	6,262,535	525,221	6,787,756
2039	6,213,481	451,436	-	-	6,213,481	451,436	6,664,917
2040	6,201,007	377,801	-	-	6,201,007	377,801	6,578,808
2041	6,069,120	305,644	-	-	6,069,120	305,644	6,374,764
2042	6,048,691	233,465	-	-	6,048,691	233,465	6,282,155
2043	3,762,071	166,944	-	-	3,762,071	166,944	3,929,015
2044	3,645,279	115,429	-	-	3,645,279	115,429	3,760,708
2045	616,755	74,698	-	-	616,755	74,698	691,453
2046	632,285	65,374	-	-	632,285	65,374	697,659
2047	648,214	55,808	-	-	648,214	55,808	704,022
2048	664,552	45,993	-	-	664,552	45,993	710,544
2049	681,310	35,922	-	-	681,310	35,922	717,232
2050	458,011	26,781	-	-	458,011	26,781	484,793
2051	468,375	21,024	-	-	468,375	21,024	489,399
2052	478,972	15,137	-	-	478,972	15,137	494,109
2053	443,763	9,116	-	-	443,763	9,116	452,879
2054	407,260	3,825	-	-	407,260	3,825	411,085
2055	-	-	-	-	-	-	-
2056	-	-	-	-	-	-	-
2057	-	-	-	-	-	-	-
2058	-	-	-	-	-	-	-
2059	-	-	-	-	-	-	-
2060	-	-	-	-	-	-	-
2061	-	-	-	-	-	-	-
2062	-	-	-	-	-	-	-
	235,051,102	26,539,935	-	-	235,051,102	26,539,935	261,591,036

Arkansas Development Finance Authority / Arkansas National  
Preliminary 2021 Drinking Water SRF Capacity Analysis  
Scenario - 30.00% Subsidy

*Projected Drinking Water Debt Service*

FYE	Existing Drinking Water Debt Service	Future Bond Debt Service	Total Drinking Water Debt Service
2022	-	-	-
2023	-	598,300	598,300
2024	-	2,580,576	2,580,576
2025	-	4,599,980	4,599,980
2026	-	6,743,541	6,743,541
2027	-	8,827,228	8,827,228
2028	-	10,910,915	10,910,915
2029	-	13,149,602	13,149,602
2030	-	15,330,795	15,330,795
2031	-	17,511,988	17,511,988
2032	-	19,848,182	19,848,182
2033	-	22,129,216	22,129,216
2034	-	24,410,250	24,410,250
2035	-	26,691,284	26,691,284
2036	-	28,932,319	28,932,319
2037	-	31,139,771	31,139,771
2038	-	33,347,224	33,347,224
2039	-	35,554,676	35,554,676
2040	-	37,762,129	37,762,129
2041	-	39,969,581	39,969,581
2042	-	42,177,034	42,177,034
2043	-	43,184,486	43,184,486
2044	-	41,301,411	41,301,411
2045	-	39,359,507	39,359,507
2046	-	37,370,946	37,370,946
2047	-	35,287,259	35,287,259
2048	-	33,203,572	33,203,572
2049	-	31,119,885	31,119,885
2050	-	28,938,691	28,938,691
2051	-	26,757,498	26,757,498
2052	-	24,576,305	24,576,305
2053	-	22,295,270	22,295,270
2054	-	20,014,236	20,014,236
2055	-	17,733,202	17,733,202
2056	-	15,452,168	15,452,168
2057	-	13,244,715	13,244,715
2058	-	11,037,263	11,037,263
2059	-	8,829,810	8,829,810
2060	-	6,622,358	6,622,358
2061	-	4,414,905	4,414,905
2062	-	2,207,453	2,207,453
	-	885,165,525	885,165,525



Arkansas Development Finance Authority / Arkansas Natural Resources Commission  
Preliminary 2021 Drinking Water SRF Capacity Analysis  
Scenario - 30.00% Subsidy

Future Pledged Direct Loans Repayments

Date	June-22	June-23	June-24	June-25	June-26	June-27	June-28	June-29	June-30	June-31	June-32	June-33	June-34	June-35	June-36	June-37	June-38	June-39	June-40	June-41	Total
Amount	99,951,917	25,274,046	19,479,916	24,368,543	24,794,515	24,640,683	24,510,662	24,052,019	24,476,154	23,961,311	23,987,008	24,543,484	25,102,387	25,381,465	25,524,954	25,594,815	25,445,827	26,420,590	27,443,373	28,407,556	573,361,222
Interest Rate	0.35%	0.58%	0.75%	1.10%	1.10%	1.10%	1.45%	1.45%	1.45%	1.80%	1.80%	1.80%	1.80%	1.80%	1.80%	1.80%	1.80%	1.80%	1.80%	1.80%	
Interest Start Date	12/01/22	12/01/23	12/01/24	12/01/25	12/01/26	12/01/27	12/01/28	12/01/29	12/01/30	12/01/31	12/01/32	12/01/33	12/01/34	12/01/35	12/01/36	12/01/37	12/01/38	12/01/39	12/01/40	12/01/41	
Principal Periods	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
Final Maturity Date	06/01/43	06/01/44	06/01/45	06/01/46	06/01/47	06/01/48	06/01/49	06/01/50	06/01/51	06/01/52	06/01/53	06/01/54	06/01/55	06/01/56	06/01/57	06/01/58	06/01/59	06/01/60	06/01/61	06/01/62	
06/01/22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
06/01/23	349,832	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	349,832
06/01/24	5,183,289	146,589	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,329,879
06/01/25	5,183,289	1,342,071	146,099	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,671,460
06/01/26	5,183,289	1,342,071	1,052,512	268,054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,845,926
06/01/27	5,183,289	1,342,071	1,052,512	1,364,027	272,740	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,214,639
06/01/28	5,183,289	1,342,071	1,052,512	1,364,027	1,387,871	271,048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,600,817
06/01/29	5,183,289	1,342,071	1,052,512	1,364,027	1,387,871	1,379,260	355,405	-	-	-	-	-	-	-	-	-	-	-	-	-	12,064,434
06/01/30	5,183,289	1,342,071	1,052,512	1,364,027	1,387,871	1,379,260	1,420,615	348,754	-	-	-	-	-	-	-	-	-	-	-	-	13,478,399
06/01/31	5,183,289	1,342,071	1,052,512	1,364,027	1,387,871	1,379,260	1,420,615	1,394,032	354,904	-	-	-	-	-	-	-	-	-	-	-	14,878,581
06/01/32	5,183,289	1,342,071	1,052,512	1,364,027	1,387,871	1,379,260	1,420,615	1,394,032	1,418,615	431,304	-	-	-	-	-	-	-	-	-	-	16,373,595
06/01/33	5,183,289	1,342,071	1,052,512	1,364,027	1,387,871	1,379,260	1,420,615	1,394,032	1,418,615	1,437,265	431,766	-	-	-	-	-	-	-	-	-	17,811,322
06/01/34	5,183,289	1,342,071	1,052,512	1,364,027	1,387,871	1,379,260	1,420,615	1,394,032	1,418,615	1,437,265	1,438,806	441,783	-	-	-	-	-	-	-	-	19,260,145
06/01/35	5,183,289	1,342,071	1,052,512	1,364,027	1,387,871	1,379,260	1,420,615	1,394,032	1,418,615	1,437,265	1,438,806	1,472,185	451,843	-	-	-	-	-	-	-	20,742,390
06/01/36	5,183,289	1,342,071	1,052,512	1,364,027	1,387,871	1,379,260	1,420,615	1,394,032	1,418,615	1,437,265	1,438,806	1,472,185	1,505,710	456,866	-	-	-	-	-	-	22,253,123
06/01/37	5,183,289	1,342,071	1,052,512	1,364,027	1,387,871	1,379,260	1,420,615	1,394,032	1,418,615	1,437,265	1,438,806	1,472,185	1,505,710	1,522,450	459,449	-	-	-	-	-	23,778,156
06/01/38	5,183,289	1,342,071	1,052,512	1,364,027	1,387,871	1,379,260	1,420,615	1,394,032	1,418,615	1,437,265	1,438,806	1,472,185	1,505,710	1,522,450	1,531,056	460,707	-	-	-	-	25,310,469
06/01/39	5,183,289	1,342,071	1,052,512	1,364,027	1,387,871	1,379,260	1,420,615	1,394,032	1,418,615	1,437,265	1,438,806	1,472,185	1,505,710	1,522,450	1,531,056	1,535,247	458,025	-	-	-	26,843,034
06/01/40	5,183,289	1,342,071	1,052,512	1,364,027	1,387,871	1,379,260	1,420,615	1,394,032	1,418,615	1,437,265	1,438,806	1,472,185	1,505,710	1,522,450	1,531,056	1,535,247	1,526,310	475,571	-	-	28,386,890
06/01/41	5,183,289	1,342,071	1,052,512	1,364,027	1,387,871	1,379,260	1,420,615	1,394,032	1,418,615	1,437,265	1,438,806	1,472,185	1,505,710	1,522,450	1,531,056	1,535,247	1,526,310	1,584,779	493,981	-	29,990,079
06/01/42	5,183,289	1,342,071	1,052,512	1,364,027	1,387,871	1,379,260	1,420,615	1,394,032	1,418,615	1,437,265	1,438,806	1,472,185	1,505,710	1,522,450	1,531,056	1,535,247	1,526,310	1,584,779	1,646,128	511,336	31,633,563
06/01/43	5,183,289	1,342,071	1,052,512	1,364,027	1,387,871	1,379,260	1,420,615	1,394,032	1,418,615	1,437,265	1,438,806	1,472,185	1,505,710	1,522,450	1,531,056	1,535,247	1,526,310	1,584,779	1,646,128	1,703,963	32,846,190
06/01/44	-	1,342,071	1,052,512	1,364,027	1,387,871	1,379,260	1,420,615	1,394,032	1,418,615	1,437,265	1,438,806	1,472,185	1,505,710	1,522,450	1,531,056	1,535,247	1,526,310	1,584,779	1,646,128	1,703,963	27,662,900
06/01/45	-	-	1,052,512	1,364,027	1,387,871	1,379,260	1,420,615	1,394,032	1,418,615	1,437,265	1,438,806	1,472,185	1,505,710	1,522,450	1,531,056	1,535,247	1,526,310	1,584,779	1,646,128	1,703,963	26,320,830
06/01/46	-	-	-	1,364,027	1,387,871	1,379,260	1,420,615	1,394,032	1,418,615	1,437,265	1,438,806	1,472,185	1,505,710	1,522,450	1,531,056	1,535,247	1,526,310	1,584,779	1,646,128	1,703,963	25,268,317
06/01/47	-	-	-	-	1,387,871	1,379,260	1,420,615	1,394,032	1,418,615	1,437,265	1,438,806	1,472,185	1,505,710	1,522,450	1,531,056	1,535,247	1,526,310	1,584,779	1,646,128	1,703,963	23,904,290
06/01/48	-	-	-	-	-	1,379,260	1,420,615	1,394,032	1,418,615	1,437,265	1,438,806	1,472,185	1,505,710	1,522,450	1,531,056	1,535,247	1,526,310	1,584,779	1,646,128	1,703,963	22,516,420
06/01/49	-	-	-	-	-	-	1,420,615	1,394,032	1,418,615	1,437,265	1,438,806	1,472,185	1,505,710	1,522,450	1,531,056	1,535,247	1,526,310	1,584,779	1,646,128	1,703,963	21,137,160
06/01/50	-	-	-	-	-	-	-	1,394,032	1,418,615	1,437,265	1,438,806	1,472,185	1,505,710	1,522,450	1,531,056	1,535,247	1,526,310	1,584,779	1,646,128	1,703,963	19,716,545
06/01/51	-	-	-	-	-	-	-	-	1,418,615	1,437,265	1,438,806	1,472,185	1,505,710	1,522,450	1,531,056	1,535,247	1,526,310	1,584,779	1,646,128	1,703,963	18,322,513
06/01/52	-	-	-	-	-	-	-	-	-	1,437,265	1,438,806	1,472,185	1,505,710	1,522,450	1,531,056	1,535,247	1,526,310	1,584,779	1,646,128	1,703,963	16,903,899
06/01/53	-	-	-	-	-	-	-	-	-	-	1,438,806	1,472,185	1,505,710	1,522,450	1,531,056	1,535,247	1,526,310	1,584,779	1,646,128	1,703,963	15,466,634
06/01/54	-	-	-	-	-	-	-	-	-	-	-	1,472,185	1,505,710	1,522,450	1,531,056	1,535,247	1,526,310	1,584,779	1,646,128	1,703,963	14,027,828
06/01/55	-	-	-	-	-	-	-	-	-	-	-	-	1,505,710	1,522,450	1,531,056	1,535,247	1,526,310	1,584,779	1,646,128	1,703,963	12,555,643
06/01/56	-	-	-	-	-	-	-	-	-	-	-	-	-	1,522,450	1,531,056	1,535,247	1,526,310	1,584,779	1,646,128	1,703,963	11,049,933
06/01/57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,531,056	1,535,247	1,526,310	1,584,779	1,646,128	1,703,963	9,527,483
06/01/58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,535,247	1,526,310	1,584,779	1,646,128	1,703,963	7,996,427
06/01/59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,526,310	1,584,779	1,646,128	1,703,963	6,461,180
06/01/60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,584,779	1,646,128	1,703,963	4,934,870
06/01/61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,646,128	1,703,963	3,350,091
06/01/62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,703,963	1,703,963
104,015,619	26,988,006	21,196,543	27,548,591	28,030,151	27,856,244	28,767,698	28,229,398	28,727,197	29,176,600	29,207,889	29,885,485	30,566,035	30,905,857	31,080,577	31,165,642	30,984,227	32,171,152	33,416,548	34,590,590	664,509,849	

Arkansas Development Finance Authority / Arkansas Natural Resources Commission  
Preliminary 2021 Drinking Water SRF Capacity Analysis  
Scenario - 30.00% Subsidy

Future Leveraged Loans Repayments (i.e. Bond Funded)

(1)																					Total
Issue Date:	Jun-22	Jun-23	Jun-24	Jun-25	Jun-26	Jun-27	Jun-28	Jun-29	Jun-30	Jun-31	Jun-32	Jun-33	Jun-34	Jun-35	Jun-36	Jun-37	Jun-38	Jun-39	Jun-40	Jun-41	Total
Per Amount:	30,535,000	30,535,000	30,535,000	30,535,000	30,535,000	30,535,000	30,535,000	30,535,000	30,535,000	30,535,000	30,535,000	30,535,000	30,535,000	29,550,000	29,550,000	29,550,000	29,550,000	29,550,000	29,550,000	29,550,000	603,805,000
Interest Rate:	0.35%	0.58%	0.75%	1.10%	1.10%	1.10%	1.45%	1.45%	1.45%	1.80%	1.80%	1.80%	1.80%	1.80%	1.80%	1.80%	1.80%	1.80%	1.80%	1.80%	
Interest Start:	12/01/22	12/01/23	12/01/24	12/01/25	12/01/26	12/01/27	12/01/28	12/01/29	12/01/30	12/01/31	12/01/32	12/01/33	12/01/34	12/01/35	12/01/36	12/01/37	12/01/38	12/01/39	12/01/40	12/01/41	
Terms:	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
Principal Start:	06/01/24	06/01/25	06/01/26	06/01/27	06/01/28	06/01/29	06/01/30	06/01/31	06/01/32	06/01/33	06/01/34	06/01/35	06/01/36	06/01/37	06/01/38	06/01/39	06/01/40	06/01/41	06/01/42	06/01/43	
Final Maturity:	06/01/43	06/01/44	06/01/45	06/01/46	06/01/47	06/01/48	06/01/49	06/01/50	06/01/51	06/01/52	06/01/53	06/01/54	06/01/55	06/01/56	06/01/57	06/01/58	06/01/59	06/01/60	06/01/61	06/01/62	

FYE	P&I	P&I	P&I	P&I	P&I	P&I	P&I	P&I	P&I	P&I	P&I	P&I	P&I	P&I	P&I	P&I	P&I	P&I	P&I	P&I	Total
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	106,873	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	106,873
2024	1,583,479	177,103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,760,582
2025	1,583,479	1,621,431	229,013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,433,923
2026	1,583,479	1,621,431	1,649,825	335,885	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,190,621
2027	1,583,479	1,621,431	1,649,825	1,709,194	335,885	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,899,814
2028	1,583,479	1,621,431	1,649,825	1,709,194	1,709,194	335,885	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,609,008
2029	1,583,479	1,621,431	1,649,825	1,709,194	1,709,194	442,758	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,425,074
2030	1,583,479	1,621,431	1,649,825	1,709,194	1,709,194	1,709,194	1,769,780	442,758	-	-	-	-	-	-	-	-	-	-	-	-	12,194,854
2031	1,583,479	1,621,431	1,649,825	1,709,194	1,709,194	1,709,194	1,769,780	1,769,780	442,758	-	-	-	-	-	-	-	-	-	-	-	13,964,633
2032	1,583,479	1,621,431	1,649,825	1,709,194	1,709,194	1,709,194	1,769,780	1,769,780	1,769,780	549,630	-	-	-	-	-	-	-	-	-	-	15,841,286
2033	1,583,479	1,621,431	1,649,825	1,709,194	1,709,194	1,709,194	1,769,780	1,769,780	1,769,780	1,831,573	549,630	-	-	-	-	-	-	-	-	-	17,672,858
2034	1,583,479	1,621,431	1,649,825	1,709,194	1,709,194	1,709,194	1,769,780	1,769,780	1,769,780	1,831,573	1,831,573	549,630	-	-	-	-	-	-	-	-	19,504,431
2035	1,583,479	1,621,431	1,649,825	1,709,194	1,709,194	1,709,194	1,769,780	1,769,780	1,769,780	1,831,573	1,831,573	1,831,573	549,630	-	-	-	-	-	-	-	21,336,003
2036	1,583,479	1,621,431	1,649,825	1,709,194	1,709,194	1,709,194	1,769,780	1,769,780	1,769,780	1,831,573	1,831,573	1,831,573	1,831,573	531,900	-	-	-	-	-	-	23,149,846
2037	1,583,479	1,621,431	1,649,825	1,709,194	1,709,194	1,709,194	1,769,780	1,769,780	1,769,780	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	531,900	-	-	-	-	-	24,922,336
2038	1,583,479	1,621,431	1,649,825	1,709,194	1,709,194	1,709,194	1,769,780	1,769,780	1,769,780	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	531,900	-	-	-	-	26,694,825
2039	1,583,479	1,621,431	1,649,825	1,709,194	1,709,194	1,709,194	1,769,780	1,769,780	1,769,780	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	531,900	-	-	-	28,467,315
2040	1,583,479	1,621,431	1,649,825	1,709,194	1,709,194	1,709,194	1,769,780	1,769,780	1,769,780	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	1,772,490	531,900	-	-	30,239,804
2041	1,583,479	1,621,431	1,649,825	1,709,194	1,709,194	1,709,194	1,769,780	1,769,780	1,769,780	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	531,900	-	32,012,294
2042	1,583,479	1,621,431	1,649,825	1,709,194	1,709,194	1,709,194	1,769,780	1,769,780	1,769,780	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	531,900	33,784,783
2043	1,583,479	1,621,431	1,649,825	1,709,194	1,709,194	1,709,194	1,769,780	1,769,780	1,769,780	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	35,557,273
2044	-	1,621,431	1,649,825	1,709,194	1,709,194	1,709,194	1,769,780	1,769,780	1,769,780	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	37,330,763
2045	-	-	1,649,825	1,709,194	1,709,194	1,709,194	1,769,780	1,769,780	1,769,780	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	39,083,253
2046	-	-	-	1,709,194	1,709,194	1,709,194	1,769,780	1,769,780	1,769,780	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	40,835,743
2047	-	-	-	-	1,709,194	1,709,194	1,769,780	1,769,780	1,769,780	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	42,588,233
2048	-	-	-	-	-	1,709,194	1,769,780	1,769,780	1,769,780	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	44,340,723
2049	-	-	-	-	-	-	1,769,780	1,769,780	1,769,780	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	46,093,213
2050	-	-	-	-	-	-	-	1,769,780	1,769,780	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	47,845,703
2051	-	-	-	-	-	-	-	-	1,769,780	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	49,598,193
2052	-	-	-	-	-	-	-	-	-	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	51,350,683
2053	-	-	-	-	-	-	-	-	-	1,831,573	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	53,103,173
2054	-	-	-	-	-	-	-	-	-	-	1,831,573	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	54,855,663
2055	-	-	-	-	-	-	-	-	-	-	-	1,831,573	1,831,573	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	56,608,153
2056	-	-	-	-	-	-	-	-	-	-	-	-	-	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	58,360,643
2057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	60,113,133
2058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,772,490	1,772,490	1,772,490	1,772,490	1,772,490	61,865,623
2059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,772,490	1,772,490	1,772,490	1,772,490	63,618,113
2060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,772,490	1,772,490	1,772,490	65,370,603
2061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,772,490	1,772,490	67,123,093
2062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,772,490	68,875,583
31,776,448	32,605,733	33,225,519	34,519,759	34,519,759	34,519,759	35,838,350	35,838,350	35,838,350	37,181,082	37,181,082	37,181,082	37,181,082	37,181,082	35,981,692	35,981,692	35,981,692	35,981,692	35,981,692	35,981,692	35,981,692	709,278,197



Arkansas Development Finance Authority / Arkansas Natural Resources Commission  
Preliminary 2021 Drinking Water SRF Capacity Analysis  
Scenario - 30.00% Subsidy

Future Bonds: Debt Service

Issue Date	Jun-22	Jun-23	Jun-24	Jun-25	Jun-26	Jun-27	Jun-28	Jun-29	Jun-30	Jun-31	Jun-32	Jun-33	Jun-34	Jun-35	Jun-36	Jun-37	Jun-38	Jun-39	Jun-40	Jun-41	Total
Amount	31,000,000	31,000,000	31,000,000	31,000,000	31,000,000	31,000,000	31,000,000	31,000,000	31,000,000	31,000,000	31,000,000	31,000,000	31,000,000	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	613,000,000
Interest Rate	1.93%	2.25%	2.50%	3.00%	3.00%	3.00%	3.50%	3.50%	3.50%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	
Interest Start date	12/01/22	12/01/23	12/01/24	12/01/25	12/01/26	12/01/27	12/01/28	12/01/29	12/01/30	12/01/31	12/01/32	12/01/33	12/01/34	12/01/35	12/01/36	12/01/37	12/01/38	12/01/39	12/01/40	12/01/41	
Principal Period	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
Final Maturity Date	06/01/43	06/01/44	06/01/45	06/01/46	06/01/47	06/01/48	06/01/49	06/01/50	06/01/51	06/01/52	06/01/53	06/01/54	06/01/55	06/01/56	06/01/57	06/01/58	06/01/59	06/01/60	06/01/61	06/01/62	Debt Service
06/01/22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/01/23	598,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	598,300
06/01/24	1,883,076	697,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,580,576
06/01/25	1,883,076	1,941,904	775,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,599,980
06/01/26	1,883,076	1,941,904	1,988,561	930,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,743,541
06/01/27	1,883,076	1,941,904	1,988,561	2,083,687	930,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,827,228
06/01/28	1,883,076	1,941,904	1,988,561	2,083,687	2,083,687	930,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,910,915
06/01/29	1,883,076	1,941,904	1,988,561	2,083,687	2,083,687	2,083,687	1,085,000	-	-	-	-	-	-	-	-	-	-	-	-	-	13,149,602
06/01/30	1,883,076	1,941,904	1,988,561	2,083,687	2,083,687	2,083,687	2,181,193	1,085,000	-	-	-	-	-	-	-	-	-	-	-	-	15,330,795
06/01/31	1,883,076	1,941,904	1,988,561	2,083,687	2,083,687	2,083,687	2,181,193	2,181,193	1,085,000	-	-	-	-	-	-	-	-	-	-	-	17,511,988
06/01/32	1,883,076	1,941,904	1,988,561	2,083,687	2,083,687	2,083,687	2,181,193	2,181,193	2,181,193	1,240,000	-	-	-	-	-	-	-	-	-	-	19,848,182
06/01/33	1,883,076	1,941,904	1,988,561	2,083,687	2,083,687	2,083,687	2,181,193	2,181,193	2,181,193	2,281,034	1,240,000	-	-	-	-	-	-	-	-	-	22,129,216
06/01/34	1,883,076	1,941,904	1,988,561	2,083,687	2,083,687	2,083,687	2,181,193	2,181,193	2,181,193	2,281,034	2,281,034	1,240,000	-	-	-	-	-	-	-	-	24,410,250
06/01/35	1,883,076	1,941,904	1,988,561	2,083,687	2,083,687	2,083,687	2,181,193	2,181,193	2,181,193	2,281,034	2,281,034	2,281,034	1,240,000	-	-	-	-	-	-	-	26,691,284
06/01/36	1,883,076	1,941,904	1,988,561	2,083,687	2,083,687	2,083,687	2,181,193	2,181,193	2,181,193	2,281,034	2,281,034	2,281,034	2,281,034	1,200,000	-	-	-	-	-	-	28,932,319
06/01/37	1,883,076	1,941,904	1,988,561	2,083,687	2,083,687	2,083,687	2,181,193	2,181,193	2,181,193	2,281,034	2,281,034	2,281,034	2,281,034	2,207,453	1,200,000	-	-	-	-	-	31,139,771
06/01/38	1,883,076	1,941,904	1,988,561	2,083,687	2,083,687	2,083,687	2,181,193	2,181,193	2,181,193	2,281,034	2,281,034	2,281,034	2,281,034	2,207,453	2,207,453	1,200,000	-	-	-	-	33,347,224
06/01/39	1,883,076	1,941,904	1,988,561	2,083,687	2,083,687	2,083,687	2,181,193	2,181,193	2,181,193	2,281,034	2,281,034	2,281,034	2,281,034	2,207,453	2,207,453	2,207,453	1,200,000	-	-	-	35,554,676
06/01/40	1,883,076	1,941,904	1,988,561	2,083,687	2,083,687	2,083,687	2,181,193	2,181,193	2,181,193	2,281,034	2,281,034	2,281,034	2,281,034	2,207,453	2,207,453	2,207,453	2,207,453	1,200,000	-	-	37,762,129
06/01/41	1,883,076	1,941,904	1,988,561	2,083,687	2,083,687	2,083,687	2,181,193	2,181,193	2,181,193	2,281,034	2,281,034	2,281,034	2,281,034	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	1,200,000	-	39,969,581
06/01/42	1,883,076	1,941,904	1,988,561	2,083,687	2,083,687	2,083,687	2,181,193	2,181,193	2,181,193	2,281,034	2,281,034	2,281,034	2,281,034	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	1,200,000	42,177,034
06/01/43	1,883,076	1,941,904	1,988,561	2,083,687	2,083,687	2,083,687	2,181,193	2,181,193	2,181,193	2,281,034	2,281,034	2,281,034	2,281,034	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	44,384,486
06/01/44	-	1,941,904	1,988,561	2,083,687	2,083,687	2,083,687	2,181,193	2,181,193	2,181,193	2,281,034	2,281,034	2,281,034	2,281,034	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	46,591,411
06/01/45	-	-	1,988,561	2,083,687	2,083,687	2,083,687	2,181,193	2,181,193	2,181,193	2,281,034	2,281,034	2,281,034	2,281,034	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	48,798,336
06/01/46	-	-	-	2,083,687	2,083,687	2,083,687	2,181,193	2,181,193	2,181,193	2,281,034	2,281,034	2,281,034	2,281,034	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	51,005,261
06/01/47	-	-	-	-	2,083,687	2,083,687	2,181,193	2,181,193	2,181,193	2,281,034	2,281,034	2,281,034	2,281,034	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	53,212,186
06/01/48	-	-	-	-	-	2,083,687	2,181,193	2,181,193	2,181,193	2,281,034	2,281,034	2,281,034	2,281,034	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	55,419,111
06/01/49	-	-	-	-	-	-	2,181,193	2,181,193	2,181,193	2,281,034	2,281,034	2,281,034	2,281,034	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	57,626,036
06/01/50	-	-	-	-	-	-	-	2,181,193	2,181,193	2,281,034	2,281,034	2,281,034	2,281,034	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	59,832,961
06/01/51	-	-	-	-	-	-	-	-	2,181,193	2,281,034	2,281,034	2,281,034	2,281,034	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	62,039,886
06/01/52	-	-	-	-	-	-	-	-	-	2,281,034	2,281,034	2,281,034	2,281,034	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	64,246,811
06/01/53	-	-	-	-	-	-	-	-	-	-	2,281,034	2,281,034	2,281,034	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	66,453,736
06/01/54	-	-	-	-	-	-	-	-	-	-	-	2,281,034	2,281,034	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	68,660,661
06/01/55	-	-	-	-	-	-	-	-	-	-	-	-	2,281,034	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	70,867,586
06/01/56	-	-	-	-	-	-	-	-	-	-	-	-	-	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	73,074,511
06/01/57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	75,281,436
06/01/58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,207,453	2,207,453	2,207,453	2,207,453	2,207,453	77,488,361
06/01/59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,207,453	2,207,453	2,207,453	2,207,453	79,695,286
06/01/60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,207,453	2,207,453	2,207,453	81,902,211
06/01/61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,207,453	2,207,453	84,109,136
06/01/62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,207,453	86,316,061
	38,259,810	39,535,584	40,546,220	42,603,739	42,603,739	42,603,739	44,708,868	44,708,868	44,708,868	46,860,685	46,860,685	46,860,685	46,860,685	45,349,050	45,349,050	45,349,050	45,349,050	45,349,050	45,349,050	45,349,050	885,165,525

**VIII. Appendix C (Arkansas Department of Health)**

**ARKANSAS DEPARTMENT OF HEALTH  
Center for Local Public Health  
Environmental Health Branch  
Engineering Section**



**ANNUAL DWSRF REPORT**  
  
**STATE FISCAL YEAR 2020**  
(JULY 1, 2020 through JUNE 30, 2021)

**SEPTEMBER 2021**

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## **A. INTRODUCTION**

The Arkansas Department of Health (ADH), Engineering Section (Engineering) is the primacy agency for administering the provisions of the Federal Safe Drinking Water Act (SDWA) in the State of Arkansas. Engineering is responsible for administering the State Public Water Supply Supervision Program within the ADH.

The Drinking Water State Revolving Fund (DWSRF) program came about as a part of the 1996 Amendments to the SDWA. The Arkansas Natural Resources Commission (ANRC) and the ADH signed an Interagency Memorandum of Agreement on administration of the DWSRF grant. Under this MOA, the ANRC administers the Loan Fund and the Administrative (4%) set-aside portions of the DWSRF. ADH Engineering administers the State Program Management (10%), Small System Technical Assistance (2%), and Local Assistance & Other State Programs (15%) set-asides portions of the DWSRF.

The purpose of this document is to present program activity progress and expenditures during State Fiscal Year 2021. A table is included in Appendix A which shows expenditures by set-aside and grant year. One notable departure from standard federal character definitions is that the federal definition of Equipment includes purchases of equipment which exceed \$5,000.00 and the state definition includes purchases which exceed \$2,500.00. The state definition is used in this report for identifying Equipment.

## B. STATE PROGRAM MANAGEMENT SET-ASIDE

Section 1452(g)(2) authorizes the State to use up to 10% of its capitalization grant in the form of the State Program Management Set-Aside (SPM) for implementing drinking water program related activities. Engineering requested the full amount of State Program Management Set-Aside funds in its SRF-07, SRF-08, SRF-13, SRF-14, SRF-15, SRF-16 and SRF-17 work plans and a portion of the State Program Management Set-Aside in the SRF-09, SRF-10, SRF-12, SRF-18, SRF-19, and SRF-20 work plans. The summary table in Attachment A shows expenditures during SFY 21.

Prior to 2018 Engineering was required to provide a dollar-for-dollar match for this set-aside in order to use these funds. The Water Infrastructure Improvement Act (WIIN) of 2016, P.L 144-322 eliminated the State match requirement for this set-aside.

Expenditures from this set-aside include such items as office equipment and supplies, major laboratory equipment purchases, contract laboratory services, staff salaries and fringe, training and travel, PCs, and upgrades to the Section's LAN system.

The Goals and Objectives, Proposed Outputs and Deliverables as outlined in the work plan and the SFY21 Outputs applied to the State Program Management Set-Aside category are summarized below:

Sub-Element/Category: Assistance to Public Water System Supervision (PWSS)

OBJECTIVE 1: Provide public water system supervision to ensure compliance with the SDWA.	Administering Agency: ADH	Task Performing Agency: ADH
		SDWA Citation: 1452(g)(2)(A)
Activities (Outputs)	Collaborators	Schedule for Completing Activities - Rate of Completion
1. Provide administrative support for ADH staff to supervise PWSs such as maintaining files, developing standard operating procedures and/or guidance, travel coordination, and other administrative tasks to maintain primacy delegation and meet reporting requirements of SDWA.	ADH	On-going
2. Perform Sanitary Surveys and prepare reports of sanitary and regulatory deficiencies. Respond to regulatory needs and deficiencies as needed.	ADH, PWS	On-going
3. Implement new and enforce existing EPA and ADH Water Regulations.	ADH	On-going
4. Provide technical assistance and training to water operators for existing and upcoming regulations	ADH, PWS	As Needed
5. Review compliance data for compliance with state and federal drinking water regulations. Identify violations and notify PWSs of all violations.	ADH	On-going
6. Review of plans and specifications as required under State regulations	ADH	On-going
7. Administer EPA grants and track/facilitate expenditures.	ADH	On-going
8. Acquire laboratory equipment, as needed, to replace existing instruments that are approaching the end of their service life and to allow increased productivity of drinking water analysis in order to provide capacity for analysis of new analytes in the current and future UCMR rules, AWOP activities, pre-rule investigative monitoring, source water monitoring, etc.	ADH	On-going
9. Upgrade to the most current versions of SWDIS/State, FedRep, Lab to State and XML Sampling. Maintain and update other miscellaneous databases: such as Operator Certification, Bacteriological Sample tracking, Sanitary Survey Tracking, etc.	ADH	On-going
<b>Deliverable: Annual Reports to EPA (to include report on progress toward goals identified in the <i>Intended Use Plan</i> and an assessment of work plan activity achievements); EPA's Annual PWSS Program Evaluation.</b>		

Outputs<sup>1</sup> – to be documented in Annual Reports:



Output Type	Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.	Deliverables outlined in Work Plan.	SFY 21 Outputs
Programmatic	Maintenance of state primacy delegation.	ADH retains primacy.	Primacy has been maintained
	Staff to administer EPA grants and track/facilitate expenditures and ACH reimbursements.	Document and track grant expenditures	See Appendix A
	Meeting EPA reporting requirements under the SDWA.	Document and track PWS compliance and enforcement actions	The following enforcement actions were taken and tracked: Violations Determined – 692 and PNs requested – 621, PN verifications received 266, WAOs – 41; AOs – 36, COs – 44
	Conversion of Engineering's legacy data systems to SDWIS/State. These databases will include: Water Operator Certification tracking, Bacteriological Monitoring Bottle Mailings, Sanitary Survey tracking, Boil Water Order Notification tracking, and SWAP applications.	SDWIS/Fed reporting of all Inventory, Violations, Enforcement, Monitoring and Milestone data within 45 days of end of each quarter	SDWIS / Fed reporting completed quarterly as required. Deadlines for submittal: 8/15/20, 11/15/20, 2/15/21, 5/21/21. Dates submitted: 8/11/20, 11/13/20, 2/12/21, 5/17/21.  All SDWIS products are using the latest SDWIS State release as of July 2019. Use of legacy ARKPWS97 is diminishing as use of the SDWIS tables increase. ARKPWS97 is not used for compliance grading.
		All State reports required under the SDWA will be submitted and within the required timeframes.	Annual and miscellaneous reports were submitted as requested.
Environmental	Plan and specification reviews as required under the state regulations. Complete more than 90% of plan reviews within required timeframe (est. 200 plans)	Log and track an estimated 1400 plans and specifications annually	1,317 total plans received, logged, and tracked resulting in 2,965 total review assignments.
		Field Surveillance Staff - Review an estimated 200 plans and specifications	SPM Staff conducted 2,774 review assignments on 1,236 plans and specifications.
		Technical Support Staff – Review an estimated 25 plans and specifications	Tech. Support Staff conducted 191 review assignments on 81 plans.
	Conducting sanitary surveys and other inspections at PWSs	Complete more than 90% of sanitary surveys that are due in the scheduled year. (An estimated 100 surveys to be completed by Field Surveillance staff.)	168 Sanitary Surveys were completed by Field Surveillance staff, 52 of these were completed by SPM funded positions. Travel was restricted during part of the year due to Covid-19.
		Complete more than 90% of sanitary surveys that are due in the scheduled year. (An estimated 50 surveys to be completed by Technical Support staff.)	12 Sanitary Surveys were completed by Technical Support Staff. Technical Support Staff also participated in four quarterly AWOP meetings
		Other Inspections / Investigations at PWSs	Field Surveillance & Technical Staff provided direct one-on-one technical assistance on 166 occasions.
Environmental	Pre-planning for and implementation of new regulations associated with the SDWA.	New EPA/SDWA regulations will be implemented within the prescribed timeframes.	All new rules / requirements are implemented on schedule and generally ahead of schedule. <ul style="list-style-type: none"> <li>LT2 Bin 2 compliance is being monitored monthly for 7 PWS's. Each Bin 2 System (4 large and 3 small) is obtaining 1.0-log of credit by documenting filtration performance in their combined and individual filters.</li> </ul>

Output Type	Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.	Deliverables outlined in Work Plan.	SFY 21 Outputs
			<ul style="list-style-type: none"> <li>Stage 2 DBP – 52 monitoring plans completed / approved, letters advising systems of DPB results sent to PWSs – 4,291 Stage 1 &amp; Stage 2 compliance status letters.</li> <li>A total of 91 OEL exceedance notifications were issued and 68 OEL reports were reviewed.</li> </ul>
Environmental	Training and technical assistance for water system operators and managers specific to new/upcoming SDWA requirements. Assistance will be provided in classroom and one-on-one settings, as well as by mail-outs.	ADH sponsored water operator training for new/upcoming SDWA regulations.	Field Surveillance & Technical Staff provided direct one-on-one technical assistance to water operators on 140 occasions.
	Technical assistance to water operators.	Provide technical assistance to operators	Combined Man-hours of Technical Assistance, Complaint Investigation; and Operator Training: Field Surveillance Staff > 10,000 man-hours.
		Document technical assistance and ADH sponsored training sessions (est. 26 training session per year)	Eleven mandatory compliance schools were offered, however two were cancelled due to Covid-19. Twenty-four exam sessions were conducted and two were scheduled but cancelled due to Covid-19, plus on-demand computer-based exam capability was offered.
		Oversight and coordination of an estimated two (2) fluoride schools/year	One fluoride start-up inspection was conducted during this period. One training session specific to fluoride was conducted during staff training.

<sup>1</sup>"The term "Output" means an environmental activity, effort and/or associated work products related to an environmental goal or objective, what will be produced or provided over a period of time or by a specified date. Outputs may be quantitative or qualitative but must be measurable during an assistance agreement funding period." EPA Order Classification No.: 5700.7

**Outcomes/Environmental results – to be documented in Annual Reports:**

<u>Outcome Type</u>	<u>Quantitative Description of Outcome</u>	<u>SFY 21</u>
Programmatic	ADH retains primacy of SDWA and completes all required reports	Primacy maintained and all required reports were completed.
Environmental	85% <sup>2</sup> of the community PWSs in the State will meet all applicable health-based drinking water standards.	97% of Community Water Systems met all health-based standards during SFY 21.
Programmatic	Maintain certified operators at 95% of community PWSs.	97% of Community PWSs maintained operator certification during SFY 21.

<sup>1</sup>The term "outcome" means the result, effect or consequence that will occur from carrying out an environmental program or activity that is related to an environmental or programmatic goal or objective. Outcomes may be environmental, behavioral, health-related or programmatic in nature, must be quantitative, and may not necessarily be achievable within an assistance agreement funding period." EPA Order Classification No.: 5700.7

<sup>2</sup> The number of active community water systems at time of submittal is 693.

**SUMMARY**

As can be seen from the activities and measurables reported in this section, substantial progress was made in the State's drinking water program. The activities conducted using the SPM set-aside funds are an integral part of the State's overall drinking water Public Water System Supervision Program. Thanks in part to the SPM set-aside funds, the Engineering Section was effectively implementing all required state and federal regulations promulgated to date and has been successful in retaining its Primacy status with EPA

### C. **SMALL SYSTEM TECHNICAL ASSISTANCE**

Section 1452(g)(2) allows the State to use up to 2% of its capitalization grant for implementing technical assistance activities of Section 1442(e). Engineering requested the full amount of Small System Technical Assistance (SSTA) Set-Aside funds in its SRF-07 work plan. Engineering reserved or banked 2% of the funds from the ARRA, SRF-08, SRF-09, SRF-10, SRF-11, SRF-12, SRF-13, SRF-14, SRF-15, SRF-16, & SRF-18, SRF-19, SRF-20 capitalization grants for future use. Engineering reclaimed a total of \$308,820 from SSTA banked funds for use during SFY17 (i.e., \$38,701, \$212,390, \$29,452, and \$28,277 from the DWSRF 98, 99, 01 and 02 Capitalization Grants, respectively). In reclaiming these funds all the SSTA reserved funds for these Capitalization Grants were zeroed or closed out. Additionally, the SRF-07 funds were fully expended during SFY13. For the balance of SFY13, funding for the SSTA contracts was transferred to the Local Assistance – Capacity Development set-aside.

Technical assistance will be accomplished through contract services. As required under State procedures, Requests for Proposals were prepared to solicit interested contractors to provide the necessary assistance under the oversight of Engineering.

Two technical assistance contracts, both which included provisions for six one-year extensions, were put into place for SFY21. These contracts became effective on July 1, 2018. The technical assistance contracts were funded for evaluating and improving the “capacity development” adequacy of some small water systems using these set-aside funds. One contract, aimed at Technical and Operational aspects, was awarded to the Arkansas Rural Water Association. The second contract, aimed at Financial and Managerial aspects, was awarded to Communities Unlimited. Both contracts operate in the same manner. The contracts are implemented in a “circuit rider” format with on-site visits to assess individual water system needs, provide corrective action plans addressing identified deficiencies, and provide technical assistance in correcting these deficiencies. The Contractor is given a prioritized list of water systems to visit. The Contractor visits systems to improve their financial and managerial capacity by assisting with rate studies, budget analysis, board member training, asset management training, long range plans, and emergency response plans. The Contractor also provides on-site technical assistance to water operators to improve the technical and operational capacity of water systems based on assessments provided by the State.

The Goals and Objectives, Proposed Outputs and Deliverables as outlined in the work plan and the SFY21 Outputs applied to the Small System Technical Assistance Set-Aside category are summarized below:

Sub-Element/Category: Small Systems Technical Assistance

Goal: Provide technical assistance to small water systems to improve system capacity for compliance with drinking water regulations

<b>OBJECTIVE 1: To provide assistance to enable small water systems serving a population &lt;10,000 to achieve and maintain compliance with the Safe Drinking Water Act (SDWA) and State Drinking Water Regulations, work on specific water systems with the Capacity Development Program and produce high-quality drinking water for the long term.</b>	<b>Administering Agency:</b> ADH	<b>Task Performing Agency:</b> ADH
		<b>SDWA Citation:</b> 1452(g)(2)
<b>Activities (Outputs)</b>	<b>Collaborators</b>	<b>Schedule for Completing Activities - Rate of Completion</b>
1. Assistance and training to PWSs with completed capacity assessments that were identified as requiring capacity assistance.	ADH, PWS, Contractors	As Needed
2. Assistance and training to PWSs identified by the ETT.	ADH, PWS, Contractors	As Needed

3. Assistance and training to PWSs to bring about regionalization.	ADH, PWS, Contractors	On-going
4. Assistance and training to PWSs with obtaining a certified operator.	ADH, PWS, Contractors	On-going
5. Board member training to PWS water boards and city councils.	ADH, Contractors	On-going
6. Complete Comprehensive Performance Evaluations on surface water systems that are unable to meet the requirements of the surface water treatment rules, the requirements of the disinfection by-product rules, or request assistance with optimization.	ADH, Contractors	On-going
Provide monthly reports to Engineering containing the names of PWSs assisted and the type and quantity of assistance provided.		Contractors

OBJECTIVE 2: To insure adequate capacity development at each water system for the future.	Administering Agency: ADH	Task Performing Agency: ADH
		SDWA Citation: 1452(g)(2)
Activities (Outputs)	Collaborators	Schedule for Completing Activities - Rate of Completion
1. Perform assessment of each new potential water system to determine if it meets technical, managerial, and financial (TMF) capacity.	ADH, PWS	On-going
2. Perform a TMF assessment of each existing community water system and non-transient non-community water system and rank them based on their TMF assessment.	ADH	On-going
3. Provided assistance to PWSs to improve their TMF capacity. Priority will be given to the systems with the most need.	ADH, Contractors	On-going
4. Track PWSS Progress towards meeting TMF capacity.	ADH	On-going
Deliverable: Annual Reports to EPA (to include report on progress toward goals identified in the <i>Intended Use Plan</i> and an assessment of work plan activity achievements); EPA's Annual PWSS Program Evaluation.		

**Outputs<sup>1</sup> – to be documented in Annual Reports:**

Output Type	Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.	Deliverables outlined in Work Plan.	SFY 21 Outputs
Environmental	Assess individual water system needs, provide corrective action plans addressing identified deficiencies, and provide technical assistance in correcting these deficiencies; systems that are chronic violators and/or have other demonstrated problems	A corrective action plan will be developed with appropriate milestones and delivered to the water system for consideration and implementation. (Reportables include names of systems contacted & number of on-site visits made, assessment reports completed, strategies developed, man-hours on-site technical assistance rendered, participation in CPEs, and the status of systems following through in implementing the corrective action plans.)	<p>The Contractor submitted statements and reports each month detailing man-hours claimed to the Section along with requests for payment based upon the contract unit prices. During SFY21 the contractors contributed the following:</p> <p>Financial &amp; Managerial (F&amp;M) Total Hours – 1162.5  Technical &amp; Operational (T&amp;O) Total Hours – 893.75      Details below.</p> <ul style="list-style-type: none"> <li>On-site Technical Assistance (man-hours) F&amp;M – 9.25    T&amp;O – 549.5</li> <li>Technical Assistance Office Hours F&amp;M – 1137.25    T&amp;O – 92.75</li> <li>Travel Hours F&amp;M – 16    T&amp;O – 251.5</li> </ul>

<sup>1</sup>"The term "Output" means an environmental activity, effort and/or associated work products related to an environmental goal or objective, what will be produced or provided over a period of time or by a specified date. Outputs may be quantitative or qualitative but must be measurable during an assistance agreement funding period." EPA Order Classification No.: 5700.7

**Outcomes/Environmental results – to be documented in Annual Reports:**

Outcome Type	Quantitative Description of Outcome	SFY 21
Environmental	Improve TMF capacity.	ADH had 2 contracts in place with TA providers to assist small water systems with improving TMF capacity through technical assistance.

<sup>1</sup>The term "outcome" means the result, effect or consequence that will occur from carrying out an environmental program or activity that is related to an environmental or programmatic goal or objective. Outcomes may be environmental, behavioral, health-related or programmatic in nature, must be quantitative, and may not necessarily be achievable within an assistance agreement funding period." EPA Order Classification No.: 5700.7

**NOTE:** Activities under Objective 1 in the SSTA Set-aside work plan and Objective 2 in the Capacity Development Set-aside work plan are dual listed under the Small System Technical Assistance and the Capacity Development Strategy sections of this report. See both section III and IV.2 of this report for a reporting of outputs.

## D. LOCAL ASSISTANCE AND OTHER STATE PROGRAMS SET-ASIDE

Section 1452(k) allows the State to use up to 15% of its capitalization grant for implementing activities under this set-aside. The State plans to use the funds in two primary program areas: Wellhead Protection (WHP) Program implementation (1452(k)(D)) and Capacity Development Strategy assistance (1452(k)(B)). The State requested the full amount of the Local Assistance and Other State Programs Set-Aside (Wellhead Protection Program & Capacity Development) funds in the EPA approved work plans for SRF07, SRF08, SRF09, SRF10, SRF13, SRF 14, SRF 15, SRF 16, SRF 17, SRF 18, SRF 19, and SRF 20. The State did not elect to take any set-aside funds for the Wellhead Protection Program in the SRF11 or SRF12 work plan, however, did request 10% for Capacity Development in each of these work plans. The table in Attachment A shows the expenditures for SFY21..

### 1. Wellhead Protection Program Implementation

Wellhead Protection program activities implemented benefited the State's Community Water Supply systems by moving them closer to having a substantially implemented Source Water Protection program as defined by the Arkansas Department of Health.

Sub-Element/Category: Wellhead Protection Program

Goal: Promote and continue to implement wellhead protection program efforts

<b>OBJECTIVE 1: Obtain meaningful information on groundwater aquifer characteristics and vulnerabilities and maintain a well operated GIS data system.</b>	<b>Administering Agency: ADH</b>	<b>Task Performing Agency: ADH</b>
		<b>SDWA Citation: 1428 &amp; 1452(k)(1)(D)</b>
<b>Activities (Outputs)</b>	<b>Collaborators</b>	<b>Schedule for Completing Activities - Rate of Completion</b>
1. Collection and updating of GIS field data for PWSs.	ADH, PWS	On-going
2. Obtain or develop electronic data for improving the GIS system and Source Water Assessment Model, to include ground truthing of PSOCs and collect raw water data for use in determining the "B" factor used in the determination of Source Water Susceptibility.	ADH, PWS & Contractors	On-going
3. Maintain and update the Source Water Assessment Model for providing up to date meaningful protection area reports	ADH	On-going
<b>Deliverable:</b> Annual Reports to EPA (to include report on progress toward goals identified in the <i>Intended Use Plan</i> and an assessment of work plan activity achievements); EPA's Annual PWSS Program Evaluation.		

<b>OBJECTIVE 2: Delineate wellhead protection areas and provide public outreach regarding wellhead and groundwater protection efforts.</b>	<b>Administering Agency: ADH</b>	<b>Task Performing Agency: ADH</b>
		<b>SDWA Citation: 1428 &amp; 1452(k)(1)(D)</b>
<b>Activities (Outputs)</b>	<b>Collaborators</b>	<b>Schedule for Completing Activities - Rate of Completion</b>
1. Provide technical assistance to PWSs development of wellhead protection programs.	ADH, PWS	As Needed
2. Conduct public outreach activities and training sessions to promote wellhead and groundwater protection.	ADH, PWS	As Needed
3. Delineation of wellhead protection areas for new wells and refinement/updates for existing wells.	ADH	On-going
4. Review of proposed point and non-point discharge permit applications for impacts on PWS sources.	ADH	On-going
5. Maintain files and ensure organized approach to source water protection efforts	ADH	On-going
6. Monitoring and review of new wells and vulnerable existing wells for Ground Water Under Direct Influence of surface water	ADH	As Needed
7. Review new well construction siting and construction proposals and provide recommendations on site and drilling, casing and grout depth.	ADH	As Needed
<b>Deliverable:</b> Annual Reports to EPA (to include report on progress toward goals identified in the <i>Intended Use Plan</i> and an assessment of work plan activity achievements); EPA's Annual PWSS Program Evaluation.		

**Outputs<sup>1</sup> – to be documented in Annual Reports:**

Output Type	Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.	Deliverables outlined in Work Plan.	SFY 21 Outputs
Environmental	Technical assistance to PWSs in public outreach efforts and assistance to the PWS in drafting needed documents, such as ordinances and emergency plans, as requested	Formal and informal technical assistance activities targeted towards ground water protection efforts, as needed, or requested.	WHPP staff provided technical assistance activities on approximately 360 occasions. Such activities include: direct one-on-one assistance, public and individual outreach activities, mailing of information and reports as requested.
		<ul style="list-style-type: none"> <li>Assistance, as requested, to PWSs in well siting, aquifer identification, and recommended construction features. Estimate: well siting ~ 5 events/year</li> <li>construction recommendations (casing and grout depth, drill cuttings analysis, other) ~ 5 events/year</li> <li>wellhead deficiency surveys ~ 10 events/year</li> </ul>	WHPP staff provided recommendations on construction of twenty-four wells. Recommendations include aquifer determination, construction depth, casing and grouting depths, etc. Additionally, multiple wells were evaluated for aquifer identification for the new SWAP model.
Environmental	WHP protection area delineations for new wells and refinement/update of previous delineations	The ADH staff will delineate 20 wellhead protection areas for new or existing sources (number includes revised delineations where new or better data has become available).	Thirty-five WHPAs were delineated for 12 PWS and 12 Phase 1 Reports for 35 wells were completed and mailed. The stratigraphic, casing & grout adequacy, rock type weights, and recharge areas were updated for all well sources for inclusion in SWAP model (version 2). Approximately 350 evaluations completed.
Environmental	Collection of field data (e.g., PSOC locations, wellhead locations, well construction features, etc.) for input into the GIS system	The ADH staff will assist PWSs in conducting and/or updating 30 contaminant source surveys and complete Phase II WHP reports. An estimated 4 PSOC inventories will be conducted per year.	Five Phase 2 PSOC inventories were completed & mailed for 6 wells & 3 surface sources. Additionally, 66 maps were created.
Environmental	The ADH staff will assist all interested PWSs in preparing and implementing Source Water Protection Plans.	Provision of assistance to surface water systems in developing source water protection plans, upon request.	Created 48 PSOC maps for ARWA to use during field PSOC inventory collection for 3 PWS verifications. ARWA staff were trained to compile PSOC Inventory maps on 7 occasions (3 staff) PSOC inventory maps for ARWAs AWAP. Distributed 14 historical SWAP reports & 214 new reports for review by public water systems. 231 new Source Water Protection Plans were developed.
Programmatic	Conversion of GIS spatial data from USGS North American Datum 1927 (NAD27) to North American Datum 1983 as time permits		All major projects and data layers use the NAD 83 datum. This is consistent with the Arkansas State Land Board which is the state storehouse for GIS data.
Programmatic	A routinely updated and well-operated GIS system	Routine updates of the GIS system from the databases of other agencies on a monthly basis.	Official and unofficial data sharing agreements are in place with the Clean Water Act agency to obtain and share location data on an as needed basis. GeoStor, the Statewide GIS data storehouse is available, also on an as need basis.
Programmatic		Collect GPS and construction data on newly constructed wells (est. 5/year).	Six new wells were added to the inventory in SFY21. GPS locations were obtained for each. Gathered construction information during plan review process, sanitary surveys, and prep work for WHPA delineations. Estimate 215 updates, corrections, or additions were made in SFY21.
Programmatic	To review proposed point and non-point discharge permit applications to insure, as much as possible, that drinking	To review and comment on approximately 1,000 proposed projects annually with point and non-point source discharges.	A total of 449 permits were reviewed and comments made to the permitting agency. A breakdown of permit reviews by permit type



Output Type	Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.	Deliverables outlined in Work Plan.	SFY 21 Outputs
	water sources are protected and affected water systems are kept informed		follows: NPDES – 259, Land Application – 55, No discharge – 15, Underground Injection Control– 4, Oklahoma NPDES permits – 6, USFS –30, Tech. Review Committee – 4, Oil & Gas permits – 15, and Miscellaneous – 61. An additional 100+ proximity analyses were performed to protect drinking water sources from construction and industrial activities.
Programmatic	To provide a coordinated and organized approach to source water protection efforts in the State	The development of standard procedures for conducting hydrologic sensitivity assessments at ground water sources.	In cooperation with USGS, projects have been developed and agreed upon to enhance the SWAP model sensitivity assessments. These projects have updated the existing model to current GIS software and to incorporate new / updated GIS layers such as, land use land cover updates, improved soils and geology layers, add fracture coverage. However, no site-specific Ozark and Springfield aquifer geology has been supplied to date.

<sup>1</sup>"The term "Output" means an environmental activity, effort and/or associated work products related to an environmental goal or objective, what will be produced or provided over a period of time or by a specified date. Outputs may be quantitative or qualitative but must be measurable during an assistance agreement funding period." EPA Order Classification No.: 5700.7

#### Outcomes/Environmental results – to be documented in Annual Reports:

Outcome Type	Quantitative Description of Outcome	SFY 21
Environmental	50% of community PWSs will have substantially implemented Source Water Protection programs.	431 community PWSs (62.7%) with a population of 2,035,177 (67.4% of the State's population) have substantially implemented SWA programs under the State definition.
Environmental	95% of GWUDI evaluations will be conducted and an initial determination made within 30 days of the evaluation.	6 wells added to inventory and 17 GWUDI determination was made. 2 additional determinations are in progress.
Environmental	50 Source Water Protection Plans prepared or updated.	214 Source Water Protection Plans (new SWAP Reports) for 735 sources for groundwater systems have been developed.

<sup>1</sup>The term "outcome" means the result, effect or consequence that will occur from carrying out an environmental program or activity that is related to an environmental or programmatic goal or objective. Outcomes may be environmental, behavioral, health-related or programmatic in nature, must be quantitative, and may not necessarily be achievable within an assistance agreement funding period." EPA Order Classification No.: 5700.7

#### SUMMARY

The State's Source Water Protection Program plan, as approved by EPA, has a stated two-fold purpose: 1) for the fulfillment of the wellhead protection requirements of the Safe Drinking Water Act; and 2) to provide another means to enhance the agency's continuing efforts to protect public drinking water supply sources under the State's Public Water Supply Supervision Program. Both goals were accomplished.

Source Water Protection Program staff consisting of 2 geologists and a GIS specialist produced Phase I Reports—delineation of sources--and Phase II Reports—potential sources of contamination (PSOC) inventories. Additionally, staff analyzed hydrologic conditions and provided technical assistance for location of well sites and sanitary construction of proposed new wells, and especially on updating all hydrogeologic inputs into the improved SWAP Reports. Staff provided technical assistance to the water systems as needed, and hydrologic analysis and technical assistance frequently requested by consultants, well drillers, and members of the public. Staff spent time engaged in interagency cooperation with other organizations and agencies interested in wellhead/source water

protection, work groups, technical advisory committees at state and national level, updates to the water quality standards, Clean Water Act National Pollutant Discharge Elimination System (NPDES) and no-discharge permitting, Clean Water Act 319 program development, and providing Arkansas Rural Water Association with their PSOC inventory maps and related technical assistance.

Staff compile wellhead protection delineation reports by conducting field visits and verifying well construction and hydrogeologic data, calculating wellhead protection area radii and compiling GIS geodata bases for completion of maps. Staff compile source water protection potential source of contamination reports by conducting field visits and verifying the location of PSOCs and mapping these inventories within the delineated WHPA and creating GIS geodatabases and ranking of identified risks. Staff work directly with public water systems to implement improved source water protection plans/programs and to meet Substantial Implementation status as defined by Arkansas. Additionally, revised Source Water Assessment Program Reports and maps for groundwater and surface water systems were completed and distributed.

## 2. Capacity Development Strategy Assistance

Capacity Development program activities implemented benefited the State's Community Water Supply systems by moving them closer to having adequate capacity or maintaining adequate capacity.

Sub-Element/Category: Capacity Development Program

Goal: Provide technical assistance to water systems to improve system capacity for compliance with drinking water regulations

<b>OBJECTIVE 1: To provide assistance to enable small water systems serving a population &lt;10,000 to achieve and maintain compliance with the Safe Drinking Water Act (SDWA) and State Drinking Water Regulations, work on specific water systems with the Capacity Development Program and produce high-quality drinking water for the long term.</b>	<b>Administering Agency: ADH</b>	<b>Task Performing Agency: ADH</b>
		<b>SDWA Citation: 1452(g)(2)</b>
<b>Activities (Outputs)</b>	<b>Collaborators</b>	<b>Schedule for Completing Activities - Rate of Completion</b>
1. Assistance and training to PWSs with completed capacity assessments that were identified as requiring capacity assistance.	ADH, PWS, Contractors	As Needed
2. Assistance and training to PWSs identified by the ETT.	ADH, PWS, Contractors	As Needed
3. Assistance and training to PWSs to bring about regionalization.	ADH, PWS, Contractors	On-going
4. Assistance and training to PWSs with obtaining a certified operator.	ADH, PWS, Contractors	On-going
5. Board member training to PWS water boards and city councils.	ADH, Contractors	On-going
6. Complete Comprehensive Performance Evaluations on surface water systems that are unable to meet the requirements of the surface water treatment rules, the requirements of the disinfection by-product rules, or request assistance with optimization.	ADH, Contractors	On-going
7. Provide monthly reports to Engineering containing the names of PWSs assisted and the type and quantity of assistance provided.	Contractors	Monthly
<b>Deliverable: Annual Reports to EPA (to include report on progress toward goals identified in the <i>Intended Use Plan</i> and an assessment of work plan activity achievements); EPA's Annual PWSS Program Evaluation.</b>		

<b>OBJECTIVE 2: Implement the Capacity Development Program to assist new and existing PWSs toward achieving and maintaining technical, managerial and financial (TMF) capacity.</b>	<b>Administering Agency: ADH</b>	<b>Task Performing Agency: ADH</b>
		<b>SDWA Citation : 1452(k)(1)(B)</b>
<b>Activities (Outputs)</b>	<b>Collaborators</b>	<b>Schedule for Completing Activities - Rate of Completion</b>
1. Perform assessment of each new potential water system to determine if it meets technical, managerial, and financial (TMF) capacity.	ADH, PWS	On-going
2. Perform a TMF assessment of each existing community water system and non-transient non-community water system and rank them based on their TMF assessment.	ADH	On-going
3. Provided assistance to PWSs to improve their TMF capacity. Priority will be given to the systems with the most need.	ADH, Contractors	On-going
4. Track PWSS Progress towards meeting TMF capacity.	ADH	On-going
<b>Deliverable: Annual Reports to EPA (to include report on progress toward goals identified in the <i>Intended Use Plan</i> and an assessment of work plan activity achievements); EPA's Annual PWSS Program Evaluation.</b>		

<b>OBJECTIVE 3: Implement the Capacity Development Program to assist new and existing PWSs to meet the requirements of the SDWA and State Drinking Water Regulations at present and in the future.</b>	<b>Administering Agency: ADH</b>	<b>Task Performing Agency: ADH</b>
		<b>SDWA Citation : 1452(k)(1)(B)</b>
<b>Activities (Outputs)</b>	<b>Collaborators</b>	<b>Schedule for Completing Activities - Rate of Completion</b>
1. Draft CCRs for PWSs as requested. Ensure that all public water systems are provided with the technical assistance and training necessary to comply with the CCR regulations.	ADH, PWS	On-going
2. Provide necessary training for water operators seeking to obtain certification under the State's operator certification program and provide specialized training to further the skills of these and other operators.	ADH	On-going
3. Assist local PWSs in establishing cross connection control to help maintain the water quality in the PWS distribution mains.	ADH	On-going
4. Implement AWOP including the conducting of CPEs and PBT training sessions primarily for surface water systems that are unable to meet the requirements of the surface water treatment rules, the disinfection by-product rules, or for systems requesting assistance with optimization.	ADH	On-going
5. Provide assistance to systems with the non-routine investigative monitoring requirements of the LT2ESWTR using 1 <sup>st</sup> Round Credit.	ADH, Contractors	SFY 15-20
6. Provide systems a reliable overnight delivery service of bacteriological sample to the ADH laboratory.	ADH	On-going
<b>Deliverable: Annual Reports to EPA (to include report on progress toward goals identified in the <i>Intended Use Plan</i> and an assessment of work plan activity achievements); EPA's Annual PWSS Program Evaluation.</b>		

**Outputs<sup>1</sup> – to be documented in Annual Reports:**

<sup>1</sup>"The term "Output" means an environmental activity, effort and/or associated work products related to an environmental goal or objective, what will be produced or provided over a period of time or by a specified date. Outputs may be quantitative or qualitative but must be measurable during an assistance agreement funding period." EPA Order Classification No.: 5700.

<b>Output Type</b>	<b>Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.</b>	<b>Deliverables outlined in Work Plan.</b>	<b>SFY 21 Outputs</b>
Environmental	Provide on-site technical assistance and training to PWS operators.	Provide an estimated 2600 man-hours assistance.	<ul style="list-style-type: none"> <li>Technical assistance and/or training concerning DBP issues were provided to 36 systems. A combination of 4,291 DBP letters and OEL notifications were mailed to water systems.</li> <li>ADH staff normally presents sessions at 2 3-day conferences, however, conferences were cancelled due</li> </ul>

			<p>to Covid-19. Eight District Meetings were attended, as requested.</p> <ul style="list-style-type: none"> <li>ADH staff conducted eleven one day compliance training sessions. Two one-day compliance courses were scheduled but cancelled due to Covid-19.</li> <li>One training sessions was held on cross-connection control policies and procedures.</li> <li>2 BPAA meetings were attended.</li> <li>Cross-connection control surveys were conducted at 18 water systems.</li> </ul>
Environmental	Conduct CCR training.	Conduct five (5) CCR training sessions for an anticipated 70 PWSs	Three training classes were held at District Meetings. Several District meetings cancelled due to Covid-19.
Environmental	Draft CCRs for PWSs as requested and provide direct assistance to PWSs developing their own.	Draft CCRs for an anticipated 693 PWSs; Assistance to PWSs drafting their own CCR on as needed basis.	532 out of 688 water systems distributed the 2020 CCRs to customers by July 1, 2021. (The certifications are not due until Oct. 1, 2021, so this number will increase.)
Programmatic	Review, evaluated, and comment, as appropriate, on all CCRs submitted to Engineering	Anticipate 693 systems will be received and reviewed.	CCR staff prepared and delivered 688 2020 CCRs to water systems in SFY2021 and evaluated and reviewed all distribution methods for systems who returned certifications before July 1, 2021.
Environmental	Maintain the current overall compliance with the CCR		658 of 688 water systems CCR certifications were received by Oct. 1, 2020. (96%)
Programmatic	Coordinate AWOP efforts	Provide one FTE to coordinate / conduct 1 CPE and Data Audits at four (4) systems.	<ul style="list-style-type: none"> <li>Ten staff contributed approximately 2.5 FTEs of time towards coordinating and conducting AWOP activities.</li> <li>0 CPEs were conducted. 0 data audits were conducted.</li> <li>Microcystin sampling and analysis were conducted at 22 water systems.</li> <li>AWOP staff participated in 4 AWOP meetings,</li> <li>Calibration checks were not conducted due to Covid-19.</li> <li>12 surface water systems surveyed by AWOP staff</li> </ul>
Programmatic	Provide operator compliance training courses	Provide 12 operator certification courses operators or operators-in-training.	<ul style="list-style-type: none"> <li>Eleven mandatory compliance courses were conducted, with the pandemic affecting the number of courses scheduled for the year and two were cancelled. No other technical assistance courses were conducted due to the pandemic.</li> </ul>
Programmatic	Publish Quarterly Newsletter	Publish four (4) newsletters and distribute approximately 3600 per quarter	Four newsletters were published with over 3,700 mailings per issue. Copies were sent to water system operators and managers, local utility officials (i.e., mayor, association president, owner, etc.), environmental groups and other organizations / persons requesting to be on the distribution list.

**Outcomes/Environmental results – to be documented in Annual Reports:**

<u>Outcome Type</u>	<u>Quantitative Description of Outcome</u>	<u>SFY 21</u>
Environmental	To educate/reassure local PWS customers on the quality/safety of their drinking water.	658 water systems certified CCRs were distributed to customers by Oct. 1, 2020. This was a compliance rate of 96%. All CCRs are available on the ADH website.
Environmental	Improved distribution water quality provided to the public through cross-connection control program.	2 training sessions were held on cross connection control policies and procedures.
Environmental	Improve water quality through treatment plant optimization efforts.	In addition to DBP technical assistance visits by the AWOP team at seven water systems, a turbidity control technical assistance visit was provided to one surface system. Tank inspections were conducted at one system. Chlorine residual management technical assistance was provided to one system. Chlorine residual checks and bacti site usage were conducted at 26 water systems.
Environmental	99% of Community and Non-Transient Non-Community water systems will have licensed operators. 50 courses were offered to operators and operators in training. ADH staff presented sessions at 2 3-day conferences. In addition, classes were held on fluoride training, CCR's, and cross-connection control. TA providers went on-site to help with peer-to-peer operator training when necessary.	Conducted 24 exam sessions, plus on-demand computer-based exams capability that is seeing greater use over time. Additionally, 6 cancelled due to Covid-19. The program processed 487 exams, issued 43 Operator in Training certificates, issued 191 new licenses and tracked the renewal of 2,380 operators holding 3,404 active water operator licenses or Operator in Training Certificates.

<sup>1</sup>The term "outcome" means the result, effect or consequence that will occur from carrying out an environmental program or activity that is related to an environmental or programmatic goal or objective. Outcomes may be environmental, behavioral, health-related or programmatic in nature, must be quantitative, and may not necessarily be achievable within an assistance agreement funding period." EPA Order Classification No.: 5700.7

This set-aside also contributed toward the Agency's state courier system to assist water systems in submitting samples to the laboratory. This service provides assistance to water systems by providing a reliable overnight delivery service at no cost to them. The systems also benefit by having significant reductions in the number of samples rejected due to being too old or being lost in transit. The systems do not have to coordinate individual arrangements with other means of sample delivery.

## **ATTACHMENT A**

## OVERALL SUMMARY OF EXPENDITURES AND SALARY SUMMARY

					Effort			Funding									
					SRF Set-Asides			Federal					State				
					ASRC SPM (FTE)	ASRB WHP (FTE)	ASRF Cap Dev (FTE)	ASRC SPM (FTE)	ASRF Cap Dev (FTE)	ASRB WHP (FTE)	AWPH ADEQ - WHP (FTE)	AWAT PWSS (FTE)	ASGR General Revenue (FTE)	APWF PWS Service Fee (FTE)	APLE Plan Review Fee Fund (FTE)	AWHF License Fees (FTE)	
Position #	Name	Position Title	Total FTE	Salary (Total)													
Technical Staff																	
22105676	Acuff, Callie	Engineer	1.00	\$53,859.09			1.00		1.00								
22105781	Alexander, Gregory	Sr. Env. Health Spec.	1.00	\$46,127.23	0.03	0.97				1.00							
22105843	Barefield, Travis	Env. Health Spec.	0.49	\$13,905.80	0.07	0.01	0.42					0.49					
22105843	Bird, Jason	Env. Health Spec.	0.10	\$3,987.07	0.10							0.10					
22110689	Birdsong, Christie	Env. Health Spec.	1.00	\$36,844.70	1.00			1.00									
22105608	Borbely-Kort, Evelyn	Professional Geologist	1.00	\$60,769.20	0.04	0.96				0.51	0.49						
22107010	Brown, Taylor	Engineer, P.E.	1.00	\$68,607.76	0.22	0.39	0.39		0.25	0.75							
22076783	Burghart, Steven	Engineer, P.E.	0.56	\$63,277.82	0.56							0.28			0.28		
22163677	Burns, Tanner	Engineer	1.00	\$50,221.85	0.11		0.89		1.00								
22109951	Butler, Maygun	Env. Health Spec.	0.37	\$13,064.67	0.08		0.29		0.37								
22105470	Chandler, Scottie	Engineer Technician	0.53	\$13,709.74	0.53									0.53			
22163676	Chatman, Jake	Engineer	1.00	\$52,275.05	0.93	0.00	0.07	1.00									
22106127	Corder, Craig	Engineer Supervisor	1.00	\$94,299.12	0.09		0.91		1.00								
22105183	Corder, Susan	QA Manager	1.00	\$75,514.98	1.00		0.00							1.00			
22104518	Dawson, Douglas	Env. Health Spec.	1.00	\$38,592.81	0.39		0.61		1.00								
22076817	Dyer, Toby	Engineer Technician	0.28	\$10,619.70	0.28									0.28			
22104664	Fitzhugh, Steven	Engineer Technician	1.00	\$38,311.26	1.00									1.00			
22106157	Foshee, Timothy	Engineer Technician	0.90	\$22,434.14	0.90									0.90			
22105417	Gephardt, Trent	Sr. Env. Health Spec.	1.00	\$43,718.94	0.85		0.15	1.00									
22106189	Gernon, Dean	Engineer	1.00	\$51,179.81	0.44	0.04	0.52							1.00			
22105008	Glewen, Logan	Engineer Technician	0.86	\$21,187.84	0.86									0.86			
22109951	Gourley, Caleb	Env. Health Spec.	0.23	\$9,108.30	0.02		0.21		0.23								
22105701	Greenway, Glenn	Engineer Supervisor	1.00	\$77,120.41	0.70	0.00	0.30		0.33					0.67			
22104936	Gregg Jr, Jack	Env. Health Spec.	1.00	\$42,786.49	0.70	0.25	0.05	0.75	0.25								
22105615	Greisen, Carla	Env. Health Spec.	0.44	\$17,148.00	0.06		0.38		0.44								
22076818	Harris, Joseph	Engineer Technician	1.00	\$33,020.73	1.00									1.00			
22105953	Harris, Robert	Engineer, P.E.	1.00	\$67,859.52	0.78		0.22	1.00									
22109218	Hilborn, Aaron	Engineer Supervisor	1.00	\$76,420.42	0.11		0.89		1.00								
22105750	Hines, Joshua	Env. Health Spec.	0.39	\$14,072.26	0.39									0.39			
22106202	Johnson, Steven	Env. Health Spec.	1.00	\$39,769.81	0.14	0.86				1.00							
22106395	Johnson, Thomas	Engineer, P.E.	1.00	\$69,088.05	0.04		0.96							1.00			
22105207	Jones, Lance	ADH Engineer Chief	1.00	\$89,058.10	0.55	0.05	0.40							1.00			
22106665	Jones, Mark	Env. Health Spec.	1.00	\$39,391.74	0.72	0.07	0.21				1.00						
22105906	Jones, Trent	Engineer	1.00	\$52,519.69	1.00		0.00	1.00									
22109519	Lee, Teresa	Chief, Technical Sup.	1.00	\$84,131.82	0.07	0.01	0.92							1.00			
22106935	Lee, Kaleb	Engineer Technician	1.00	\$33,727.44	1.00									1.00			
22106838	Michaels, Robin	Env. Health Spec.	1.00	\$43,144.22	1.00									1.00			
22105470	Mize, Charles	Engineer Technician	0.12	\$6,870.11	0.12									0.12			
22107118	Nutt, Andrew	ADH Env. Supv	1.00	\$73,996.47	-0.20		1.20		1.00								
22163678	Parker, Adam	Engineer	1.00	\$55,102.56	0.16		0.84							1.00			
22076817	Parker, Jeffrey	Engineer Technician	0.12	\$1,246.35	0.12									0.12			
22109403	Pavlovic, Emily	Env. Health Spec.	1.00	\$29,897.49	0.82		0.18			1.00							
22106342	Reaves, Robert	Engineer	1.00	\$54,174.99	0.30	0.00	0.69		1.00								
22106817	Relic, Becky	Env. Health Spec.	0.85	\$30,592.77	0.85					0.85							
22110513	Richter, Eric	Engineer Technician	0.72	\$21,187.77	0.72									0.72			
22109829	Riddle, Savannah	Env. Health Spec.	0.85	\$30,389.49	0.85					0.85							
22106108	Roberts, Christopher	Engineer Supervisor	1.00	\$73,125.47	0.19	0.05	0.76					1.00					
22106024	Roberts, Shada	Engineer, P.E.	1.00	\$66,749.38	0.95	0.01	0.04		1.00								
22104790	Robertson, Clay	ADH Env. Supv	1.00	\$45,010.10	1.00									1.00			
22106823	Routh, Darcia	Geology Supervisor	1.00	\$69,067.50	0.04	0.96				1.00							
22106309	Schleiff, Susanna	Env. Health Spec.	0.85	\$29,197.80	0.85			0.43		0.42							
22109218	Shaw, Andrew	Engineer	1.00	\$51,179.84	0.66	0.26	0.08					1.00					
22105580	Sohmer, David	Env. Health Spec.	1.00	\$37,809.28	0.62	0.18	0.20					1.00					
22105489	Starling, Stanley	Env. Health Spec.	1.00	\$40,760.26	0.94		0.06					1.00					
22105224	Stone, Jeffery	ADH Eng. Director	1.00	\$105,805.33	1.00									1.00			
22105585	Taylor, Dennis*	Engineer Supervisor	1.00	\$75,480.77						1.00							
22111755	Thompson Jr., Raymond	Engineer Supervisor	1.00	\$93,163.77	0.29	0.01	0.70						1.00				
22110035	Welytok, Vickie	Engineer	1.00	\$46,079.92	0.87		0.13	1.00									
22076783	Wheeler, Andrea	Engineer	0.20	\$8,692.24	0.20		0.00					0.10			0.10		
22111755	Wilson, Jack	Env. Health Spec.	1.00	\$45,391.75	0.83		0.17					1.00					
22109519	Youngblood, Stephen	Engineer Supervisor	1.00	\$74,221.77	0.20	0.14	0.67	1.00									
		TOTALS	51.86	\$2,826,068.76	30.11	5.24	15.52	8.18	9.87	8.38	0.49	6.97	1.00	16.59	0.38		
		%						15.77%	19.03%	16.16%	0.94%	13.44%	1.93%	31.99%	0.73%		

					Effort			Funding									
					SRF Set-Asides			Federal					State				
								DWSRF Set-Asides			Other Federal Grants						
Position #	Name	Position Title	Total FTE	Salary (Total)	ASRC SPM (FTE)	ASRB WHP (FTE)	ASRF Cap Dev (FTE)	ASRC SPM (FTE)	ASRF Cap Dev (FTE)	ASRB WHP (FTE)	AWPH ADEQ - WHP (FTE)	AWAT PWSS (FTE)	ASGR General Revenue (FTE)	APWF PWS Service Fee (FTE)	APLE Plan Review Fee Fund (FTE)	AWHF License Fees (FTE)	
IT Staff																	
22106586	Beard, Matthew	Computer Sup.Analyst	1.00	\$44,278.01	1.00							1.00					
22109788	Bradley, David	Software Sup.Analyst	1.00	\$78,879.22	0.97	0.03								1.00			
22107058	Hill, Steven	Geologist	1.00	\$57,909.81			1.00	0.33	0.67								
22104509	Mance, Margaret	Engineer Technician	1.00	\$38,112.85	1.00									1.00			
22105231	Thompson, Andrew	Systems Analyst	1.00	\$62,744.33	1.00							1.00					
22105749	Treadway, Gregory	Computer Sup.Coord	1.00	\$62,392.57	0.98	0.02								1.00			
22111469	Veluvolu, Ramesh	Software Sup.Analyst	1.00	\$55,518.76	1.00									1.00			
		TOTALS	7.00	\$399,835.55	5.95	0.05	1.00	0.33	0.67			2.00		4.00			
Admin. Staff																	
22106262	Adrow, Alaana	Admin. Spec II	0.52	\$12,015.64	0.33	0.07	0.12							0.52			
22105622	Eschbacher, Mollie	Admin. Spec II	0.67	\$14,018.21	0.42	0.09	0.15					0.67					
22105960	Gaston, Cathy	Admin. Analyst	1.00	\$42,452.73	0.63	0.14	0.23							1.00			
22105842	Green, Penelope	Admin. Spec II	1.00	\$39,648.65	0.63	0.14	0.23							1.00			
22105953	Hampton, Ida	Admin. Spec III	1.00	\$35,228.22			1.00		1.00								
22105622	Johnson, Anastasia	Admin. Spec II	0.01	\$78.66	0.01							0.01					
22106262	Lambert, Marcia	Admin. Spec II	1.00	\$43,515.47			1.00		1.00								
22106262	Lewis, Tauria	Admin. Spec II	1.00	\$31,028.69	0.63	0.14	0.23					1.00					
22111151	Petroff, Rosalyn	Admin. Spec III	1.00	\$37,685.75	0.63	0.14	0.23						1.00				
22104617	Ross, Shunte'	Admin. Spec II	1.00	\$27,328.10	0.63	0.14	0.23							1.00			
22111547	Summons, Sharon	Human Res Prog. Rep.	1.00	\$43,079.50	0.63	0.14	0.23							1.00			
22104661	Trimble, Mary	Budget Analyst	1.00	\$56,170.61	0.63	0.14	0.23							1.00			
		TOTALS	10.20	\$382,250.23	5.17	1.15	3.88		2.00			1.68	1.00	5.52			
		Engineering Grand Totals	69.06	\$3,608,154.54	41.23	6.43	20.40	8.51	12.54	8.38	0.49	10.65	2.00	26.11	0.38	0.00	
ADH Lab Staff Support for the Drinking Water Program - Funded by Meter Service Fees																	
					Effort			Funding									
					SRF Set-Asides			Federal					State				
								DWSRF Set-Asides			Other						
Position #	Name	Position Title	Total FTE	Salary (Total)	ASRC SPM (FTE)	ASRB WHP (FTE)	ASRF Cap Dev (FTE)	ASRC SPM (FTE)	ASRF Cap Dev (%)	ASRB WHP (FTE)	AWPH ADEQ - WHP (FTE)	AWAT PWSS (FTE)	ASGR General Revenue (FTE)	APWF PWS Service Fee (FTE)	APLE Plan Review Fee Fund (FTE)	AWHF License Fees (FTE)	
Lab Staff																	
22106678	Bailey, Laura	ADH Officer	0.40	\$14,583.67	-	-	-							0.40			
22104646	Biddle, Patricia	Senior Microbiologist	1.00	\$48,044.98	-	-	-							1.00			
22105255	Borst, Erin	Chemist	1.00	\$13,963.82	-	-	-							1.00			
22165497	Clark, Joey	Senior Chemist	1.00	\$35,543.24	-	-	-							1.00			
22109380	Colbert, Dionne	Laboratory Manager	1.00	\$60,016.88	-	-	-							1.00			
22106563	Dansby, Delilah	Laboratory Technician	1.00	\$6,437.62	-	-	-							1.00			
22105147	Donnerson, Carolyn	Warehouse Specialist	1.00	\$53,804.66	-	-	-							1.00			
22106040	Duke, David	Senior Chemist	1.00	\$68,319.56	-	-	-							1.00			
22106871	Enlow, Karron	Microbiologist	1.00	\$65,782.34	-	-	-							1.00			
22105402	Ferguson, Dorothy	Laboratory Manager	1.00	\$49,101.63	-	-	-							1.00			
22110868	Freres, Mary	Chemist	1.00	\$43,060.24	-	-	-							1.00			
22104860	Fuller, Megan	Chemist	1.00	\$23,273.03	-	-	-							1.00			
22105255	Goetz, Estate Of Christop	Chemist	1.00	\$14,539.15	-	-	-							1.00			
22106716	Gulley, Frederick	Laboratory Technician	1.00	\$38,647.05	-	-	-							1.00			
22106474	Henderson, Terri	Senior Chemist	1.00	\$67,859.74	-	-	-							1.00			
22105299	Jefferson, Benjamin	Senior Chemist	1.00	\$52,647.50	-	-	-							1.00			
22105402	Jefferson, Benjamin	Laboratory Manager	1.00	\$16,567.02	-	-	-							1.00			
22105521	Jordan, Alindria	Laboratory Manager	1.00	\$55,433.28	-	-	-							1.00			
22105299	Linz, Rhonda	Senior Chemist	1.00	\$3,556.14	-	-	-							1.00			
22105048	Madden, Fanchon	Chemist	1.00	\$42,522.60	-	-	-							1.00			
22106449	Mcgee, Charles	IT Coordinator	0.50	\$38,837.35	-	-	-							0.50			
22111353	Morris, Anderson	Senior Chemist	1.00	\$49,625.26	-	-	-							1.00			
22104860	Nelson, Melynda	Chemist	1.00	\$6,206.13	-	-	-							1.00			
22106336	Nix, Bryan	Laboratory Technician	1.00	\$26,434.43	-	-	-							1.00			
22105462	Parrish, Mark	Senior Chemist	1.00	\$67,859.62	-	-	-							1.00			
22106766	Pledger, Kersten	Microbiologist	1.00	\$42,509.08	-	-	-							1.00			
22106266	Randolph, Debra	Senior Chemist	1.00	\$49,406.03	-	-	-							1.00			
22107000	Rankin, Steven	Senior Chemist	1.00	\$67,859.66	-	-	-							1.00			
22105336	Sheridan, Gregory	Laboratory Manager	1.00	\$75,515.17	-	-	-							1.00			
22105303	Sims, Audrey	Senior Chemist	1.00	\$45,868.74	-	-	-							1.00			
22106479	Smith, Sandra	Laboratory Technician	1.00	\$31,804.52	-	-	-							1.00			
22106604	Troup, Timothy	Senior Chemist	1.00	\$68,008.50	-	-	-							1.00			
22106563	Tyra, Patsy	Laboratory Technician	1.00	\$17,920.00	-	-	-							1.00			
22165497	Wang, Junzuo	Senior Chemist	1.00	\$1,558.04	-	-	-							1.00			
22106646	Williams, Jayda	Laboratory Technician	1.00	\$27,659.89	-	-	-							1.00			
22105123	Wrightner, Rakara	Senior Microbiologist	1.00	\$47,920.14	-	-	-							1.00			
		TOTALS	34.90	1,438,696.71	-	-	-							34.90			

\*\* FTEs for Lab Staff in general are @ 1.0 per position. The information for making exact FTE determination for Lab staff is not available to Engineering.



## **ATTACHMENT B**

### **Summary of Travel Reimbursements State Characters 02, 09**

Internal Order ASRB0018 = Wellhead Protection (FCG 17)

Internal Order ASRC0017 = State Program Management (FCG 16)

Internal Order ASRC0018 = State Program Management (FCG 17)

Internal Order ASRF0017 = Capacity Development (FCG 16)

Internal Order ASRF0018 = Capacity Development (FCG 17)

POSITION #	NAME	CH 02	CH 09	INTERNAL CODE	DESCRIPTION
22107118	ANDREW M NUTT	108.96		ASRF0019	Compliance Course
22107118	ANDREW M NUTT	53.23		ASRF0019	Compliance Course
22107118	ANDREW M NUTT	106.62		ASRF0019	Compliance Course
22107118	ANDREW M NUTT	17.99		ASRF0019	Compliance Course
22107118	ANDREW M NUTT	127.16		ASRF0018	Compliance Course
22107118	ANDREW M NUTT	35.13		ASRF0018	Compliance Course
22107118	ANDREW M NUTT	221.69		ASRF0019	Compliance Course
22107118	ANDREW M NUTT	81.45		ASRF0019	Compliance Course
22107118	ANDREW M NUTT	111.12		ASRF0019	Compliance Course
22107118	ANDREW M NUTT	28.99		ASRF0019	Compliance Course
22107118	ANDREW M NUTT	108.60		ASRF0019	Compliance Course
22107118	ANDREW M NUTT	49.04		ASRF0019	Compliance Course
22104936	JACK GREGG JR	20.68		ASRF0018	District Meeting
22104936	JACK GREGG JR	16.72		ASRF0018	District Meeting
22104936	JACK GREGG JR	111.60		ASRC0018	Sanitary Survey
22104936	JACK GREGG JR	45.22		ASRC0018	District Meeting
22104936	JACK GREGG JR	27.75		ASRC0018	District Meeting
22104936	JACK GREGG JR	89.32		ASRC0018	Sanitary Survey
22104936	JACK GREGG JR	16.72		ASRF0018	District Meeting
22105489	STANLEY F STARLING	108.60		ASRF0018	Sanitary Survey
22105489	STANLEY F STARLING	43.49		ASRF0018	Sanitary Survey
22105489	STANLEY F STARLING	20.68		ASRF0018	District Meeting
22105489	STANLEY F STARLING	19.33		ASRF0018	District Meeting
22105489	STANLEY F STARLING	54.30		ASRF0018	Sanitary Survey
22105615	CARLA M GREISEN	108.96		ASRF0018	Compliance Course
22105615	CARLA M GREISEN	35.74		ASRF0018	Compliance Course
22105615	CARLA M GREISEN	106.62		ASRF0018	Compliance Course
22105615	CARLA M GREISEN	17.99		ASRF0018	Compliance Course
22105615	CARLA M GREISEN	125.16		ASRF0018	Compliance Course
22105615	CARLA M GREISEN	16.34		ASRF0018	Compliance Course
22109519	STEPHEN M YOUNGBLOOD	36.00		ASRC0019	Sanitary Survey
22109519	STEPHEN M YOUNGBLOOD	90.06		ASRC0019	Sanitary Survey
22106665	MARK WILLIAM JONES	26.75		ASRF0018	Sanitary Survey
22106665	MARK WILLIAM JONES	95.34		ASRF0018	Sanitary Survey
22105953	ROBERT S HARRIS	31.01		ASRF0018	Sanitary Survey
22105953	ROBERT S HARRIS	91.26		ASRF0018	Sanitary Survey
22105906	TRENT JOSEPH JONES	18.96		ASRF0018	District Meeting
22105906	TRENT JOSEPH JONES	109.44		ASRC0017	Sanitary Survey
22105906	TRENT JOSEPH JONES	36.05		ASRC0017	Sanitary Survey

POSITION #	NAME	CH 02	CH 09	INTERNAL CODE	DESCRIPTION
22109218	ANDREW DAVID SHAW	10.19		ASRF0019	District Meeting
22163677	TANNER CHRISTIAN BURNS	2.21		ASRF0018	Microcystin Sampling
22163677	TANNER CHRISTIAN BURNS	20.00		ASRF0018	Microcystin Sampling
22163677	TANNER CHRISTIAN BURNS	109.44		ASRF0018	Microcystin Sampling
22163677	TANNER CHRISTIAN BURNS	31.13		ASRF0018	Microcystin Sampling
22109403	EMILY HELEN PAVLOVIC	108.96		ASRB0018	Sanitary Survey
22109403	EMILY HELEN PAVLOVIC	62.37		ASRB0018	Sanitary Survey
22109403	EMILY HELEN PAVLOVIC	109.44		ASRB0018	Sanitary Survey
22109403	EMILY HELEN PAVLOVIC	59.15		ASRB0018	Sanitary Survey
22109403	EMILY HELEN PAVLOVIC	23.00		ASRB0019	Sanitary Survey
22109403	EMILY HELEN PAVLOVIC	109.44		ASRF0018	Sanitary Survey
22109403	EMILY HELEN PAVLOVIC	16.75		ASRB0019	Sanitary Survey
22109403	EMILY HELEN PAVLOVIC	109.44		ASRB0019	Sanitary Survey
22109403	EMILY HELEN PAVLOVIC	28.00		ASRB0019	Sanitary Survey
22109403	EMILY HELEN PAVLOVIC	109.44		ASRB0019	Sanitary Survey
22109403	EMILY HELEN PAVLOVIC	53.73		ASRB0019	Sanitary Survey