



State of Arkansas



Arkansas Natural Resources Commission And Arkansas Department of Health



Safe Drinking Water Fund and State Revolving Loan Fund Program SFY 2020 Annual Report (July 1, 2019 – June 30, 2020)

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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) 2020, July 1, 2019, through June 30, 2020. 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 2020 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 2020 IUP to the Environmental Protection Agency (EPA) in December 2019 and an amended SFY 2020 IUP in February 2020.

The Intended Use Plan for SFY 2020 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 \$17 million to projects in SFY 2020. During SFY 2020 the program disbursed \$33 million 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 \$4 million was expended in SFY 2020 for set asides, including the administration set aside ([Chart 4](#)).

ANRC expended \$835,428 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 entering into twenty-nine (29) binding commitments for a total of \$114,464,700.**

Of the twenty-nine (29) projects listed on the 2020 IUP fundable list, eighteen (18) projects had loan closings which includes one previously closed project with additional assistance. Total binding commitments for SFY20 totaled \$52,836,400 ([Chart 2](#)).

The eleven (11) projects that failed to enter into a binding commitment prior to June 30, 2020 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 September 2020: Hickory Ridge (L), Hickory Ridge (PF), Omaha (PF), Wilton (L), Wilton (PF), Dermott (L), Nashville (L), Melbourne (L) Clinton (L) and Tyronza (L).

- 2. Arkansas anticipated nine (9) project that would include components that meet green project reserve requirements.**

Of the projects listed on the 2020 IUP fundable list nine (9) projects anticipated eligible green components. Arkansas signed binding commitments for four (4) projects that included green eligible components during SFY 2020 ([Chart 2](#)). The Division disbursed \$5.4 million for Green Project Reserve in State Fiscal year 2020.

- 3. Arkansas anticipates three (3) projects will meet the add sub requirements and two (2) project that will receive Disadvantaged Funds in the form of principal forgiveness.**

Arkansas did not sign any binding commitments eligible for principal forgiveness or disadvantaged funds. Omaha was able to meet the requirements and had the loan closing on 7/15/2020 for principal forgiveness funding. Gillham Lake and Wright-Pastoria are expected to close before the end of SFY2021 (chart), both of these are eligible for disadvantaged funds as principal forgiveness. .

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

The 2019 Cap Grant was awarded on September 11, 2019 and amended on April 9, 2020. ADH submitted the work plan set asides (excluding administration) to EPA Region 6 in October 2019.

- 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 AHD 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 129 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 2019 Cap grant within the first year and it was awarded on September 5, 2019 and amended on November 6, 2019 and April 19, 2020. Furthermore, the FFY 2020 Cap grant application was submitted within the first year and is expected to be awarded on October 1, 2020.

- 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 2020 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.

- 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 expected to be filled n October 2020.

- 11. The program is considering a contract, under an existing EPA contract, to help with marketing and streamlining the processes for both CWRLF and DWSRF. The results of the focus group meeting highlighted real and perceived barriers to using SRF financing in the State. ANRC gained valuable insight into ways it can further improve the SRFs and outreach efforts.**

A contract with Northbridge for help with marketing and streamlining processes for either program was approved in April 2020 by EPA with the final report and recommendations. The focus has been placed on the Transformation process and acquisition of financial tracking software for the program.

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 C](#).

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 2020. Instead, the focus was on marketing the program to increase fund utilization.

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

- Hot Springs water/wastewater conference
- Arkansas Municipal League Convention (summer)
- Arkansas Rural Water Association Technical Conference
- Arkansas Office of Rural Services Conference
- Arkansas Energy Performance Contracting Summit
- Arkansas Water and Wastewater Manager Association Annual Meeting
- Arkansas Municipal League Convention (winter)
- Arkansas Water Works & Water Environment Association Conference - (Cancelled due to COVID-19)

During the SFY 2020, 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. One of the common concerns heard from these communities is high volume water loss that resulted in ANRC implementing a lending drive to help these communities with replacement of water meters. This resulted in an increase of SRF applications to the Agency.

The impacts of COVID-19 on outreach opportunities has 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 only the 2019 Cap Grant with funds unspent. The 2019 Cap Grant was awarded on September 11, 2019. 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 twenty-nine (29) loans to water systems.

Output 2 – Enter into binding commitments with twenty-three (23) small systems and six (6) large systems during this fiscal year.

Of the twenty-nine (29) projects listed on the 2020 IUP fundable list, eighteen (18) loans were closed during SFY 2020. Of the eighteen (18) loans that closed, four (4) were to large systems and fourteen (14) were to small systems.

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 September 2020: Hickory Ridge (L), Hickory Ridge (PF), Omaha (PF), Wilton (L), Wilton (PF), Dermott (L), Nashville (L), Melbourne (L) Clinton (L) and Tyronza (L).

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 \$303,063,300 in federal capitalization grants through the 2019 cap grant, including the ARRA capitalization grant in the amount of \$24,485,000.

2. State Match

Total State Match required through SFY 2020 (2019 Cap Grant) is \$55,717,260, of which \$3,311,000 in state match, for the 2019 Cap Grant, was deposited during SFY2020 ([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 2020.

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 \$15,775,505 in principal loan repayments, \$2,690,082 in interest on outstanding loans; and \$1,512,493 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.

B. Uses of Drinking Water State Revolving Funds

ANRC used Drinking Water State Revolving Funds to make loan disbursements of \$33,007,416 to water projects under construction. Of this amount, Federal funds of \$17,433,930 and State funds of \$3,311,000 were disbursed to loan recipients.

1. Loan Assistance Status

In this reporting period, Arkansas Natural Resources Commission, closed eighteen (18) loans; see [Chart 2](#) for additional details.

2. Binding Commitments

During the year binding commitments totaled \$52,836,400, which increased the adjusted cumulative total to \$348,677,900. The percentage of actual binding commitments to required binding commitments increased as compared to SFY 2019, at 147% ([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 2020 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 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).

Fourteen (14) projects qualify as a small system. The cumulative amount of loans to small systems is \$192,818,053; which is 55% 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 also has a provision to extend the life of the loan from 20 to 30 years. One (1) of the eighteen (18) loans closed qualified as disadvantaged. The cumulative amount of loans to disadvantaged systems is \$147,242,460 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 \$835,428 in annual expenses was funded from the 4% set-aside for Drinking Water State Revolving Fund administration set aside during SFY 2020 ([Chart 4](#)). In addition, ADH expended \$3,168,025 in federal funds for program administration and other set-aside expenditures for the fiscal year ([Chart 4](#)). Total set aside federal expenditures for SFY 2020 totaled 4 million.

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. 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 2020. 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, 2020, the Drinking Water State Revolving Fund has funded a total of \$348,677,900 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 \$33,007,416 during this reporting period. Of the total disbursed, \$17,433,930 was in Federal funds.

3. Annual Repayment/Aging of Accounts

Approximately \$15.7 million in principal was repaid in SFY 2020. ANRC had nine (9) loan delinquencies in SFY 2020.

4. Loan Portfolio Analysis

Entity	Delinquent Amount	Due Date
East Prairie	8,891	Apr-19
East Prairie	8,891	Oct-19
East Prairie	4,446	Jan-20
Bryant	35,887	Jan-20
Thornton	113,155	Jan-20
Prescott (Construction Interest and Service Fee)	10,065	Apr-19
Prescott (Construction Interest and Service Fee)	43,157	Oct-19
Midway (Construction Interest and Service Fee)	453	Apr-19
Midway (Construction Interest and Service Fee)	1,479	Oct-19
Wooster #2 (Construction Interest and Service Fee)	311	Oct-19
Carlisle (Construction Interest and Service Fee)	24	Oct-19
Helena-W. Helena	53,016	Jan-20
Strong	2,757	Jan-20
Total	282,531	

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.

D. 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 \$3,311,000 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 2020 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 or not 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 FY2019 capitalization grant (FS986001-22). 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 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 of 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.

The fair share objective goals for MBE and WBE in SFY2020:

Type	MBE	WBE
Construction	14.70%	11.30%
Services	10.60%	23.40%
Supplies	4.50%	16.00%
Equipment	0.00%	2.30%

QTR		Cap Grant Amount*	MBE	%	WBE	%
1	Jul - Sept 2019	\$ 3,531,099	\$ 11,773	0.333%	\$ 406,072	11.500%
2	Oct - Dec 2019	\$ 2,824,867	\$ 11,773	0.417%	\$ 406,072	14.375%
3	Jan - Mar 2020	\$ 8,452,614	\$ 159,685	1.889%	\$ 1,624,288	19.216%
4	Apr - Jun 2020	\$ 2,625,350	\$ 75,284	2.868%	\$ 0.00	0.000%
Total		\$ 17,433,930	\$ 258,515	5.507%	\$ 2,436,432	45.091%

Federal Draws by quarter: 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.

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.

VI. Appendix A – Program Charts

Chart 1 – Sources and Uses

Sources and Uses		
<u>SOURCES OF FUNDS</u>		
Beginning Balance (06/30/2019)		110,722,655.97
<i>State Fiscal Year 2020</i>		
2019 Federal Cap Grant Balance (<i>Construction</i>)		12,132,986.68
2020 Federal Cap Grant - State Match		3,313,200.00
Principal Repayments		15,775,505.00
Interest on Investments		1,512,493.00
Interest on Loans		2,690,082.00
Sub Total	\$	35,424,266.68
Total Sources of Funds	\$	146,146,922.65
<u>USES OF FUNDS</u>		
<i>DWSRF Loan Commitments for SFY 2020</i>		
ANRC Approved Loans (<i>not closed</i>)		69,649,759.00
ANRC Approved Loans (<i>closed, undisbursed funds</i>)		29,194,804.40
Sub Total	\$	98,844,563.40
<i>DWSRF Set-Aside Programs for SFY 2020</i>		
Administration		835,428.02
Small System Technical Assistance		-
State Program Management		\$941,741.03
Wellhead		656,095.86
Capacity Development Program (CD)		1,570,187.79
Sub Total	\$	4,003,452.70
<i>Debt Service Obligations</i>		
Leveraged Bond Principal		2,065,000.00
Leveraged Bond Interest		702,237.50
Sub Total	\$	2,767,237.50
Total Uses of Funds	\$	105,615,253.60
Available Funds	\$	40,531,669.05
<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 prmt 4/15/21 or will be rolled into construction loan funding.

Chart 3- Comparison of Grant Payments and Binding Commitments

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 09	2010	1	SFY10 Q1	FFY09 Q4	516,650	22,219,761	2,583,250	800,808	1,782,443	111,098,804	34,285,900	76,812,904	0	89,836,295	500,000	126,081,347	140%
Oct - Dec 09		2	SFY10 Q2	FFY10 Q1	511,450	22,731,211	2,557,250	792,748	1,764,503	113,656,054	35,078,648	78,577,407	2,299,093	92,135,387	41,790,000	167,871,347	182%
Jan - Mar 10		3	SFY10 Q3	FFY10 Q2	511,450	23,242,661	2,557,250	792,748	1,764,503	116,213,304	35,871,395	80,341,909	2,299,093	94,434,480	4,580,000	172,451,347	183%
Apr - Jun 10		4	SFY10 Q4	FFY10 Q3	511,450	23,754,111	2,557,250	792,748	1,764,503	118,770,554	36,664,143	82,106,412	2,299,093	96,733,572	5,000,000	172,951,347	179%
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	0	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	SFY19 Q1	FFY18 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	37,361,000	333,202,500	148%
Oct - Dec 19		2	SFY19 Q2	FFY19 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	6,343,700	339,546,200	148%
Jan - Mar 20		3	SFY19 Q3	FFY19 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	2,237,000	341,783,200	147%
Apr - Jun 20		4	SFY19 Q4	FFY19 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	236,709,668	6,894,700	348,677,900	147%

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

Summary of Funding for open SRF Capitalization Grant Set-Asides									
(as of 6/30/20)									
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
2014	Admin	4%	533,360.00		533,360.00	533,360.00	0.00	10/1/2014	9/30/2018
	SSTA	2%	270,680.00	270,680.00	0.00	0.00	0.00		
	SPM	10%	1,353,400.00		1,353,400.00	1,353,400.00	0.00		
	WHP	5%	676,700.00		676,700.00	676,700.00	0.00		
	Cap Dev	10%	1,353,400.00		1,353,400.00	1,353,400.00	0.00		
	Total	31%	4,187,540.00	270,680.00	3,916,860.00	3,916,860.00	0.00		
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	316,484.00	1,053,816.00		
	WHP	5%	835,550.00	0.00	835,550.00	522,288.00	313,262.00		
	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	2,700,994.00	1,844,396.00		
2019	Admin	4.0%	599,700.00		599,700.00	466,398.90	133,301.10	10/1/2019	9/30/2023
	SSTA	2.0%	331,100.00	331,100.00	0.00		0.00		
	SPM	10.0%	1,655,500.00	400,000.00	1,255,500.00		1,255,500.00		
	WHP	5.0%	827,750.00		827,750.00		827,750.00		
	Cap Dev	10.0%	1,655,500.00		1,655,500.00		1,655,500.00		
	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	528,898.90	3,872,051.10		
2020 Estimate	Admin	4.0%	662,640.00		662,640.00		662,640.00	10/1/2019	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	0.00	4,307,160.00		
Reclaimed & Reserved	Admin			0.00			0.00	N/A	N/A
	SSTA			3,609,044.00			3,609,044.00		
	SPM			7,320,825.00			7,320,825.00		
	WHP			0.00			0.00		
	Cap Dev			0.00			0.00		
	SWP			0.00			0.00		
	Total		0.00	10,929,869.00	0.00	0.00	10,929,869.00		
Totals	Set-Aside	% of Grant	Total Available	Total Reserved	Total Budgeted	Total Expended To Date	Total Remaining Balance		Grant End Date
Current Balance Totals (Includes Estimated 20 Cap Grant)	Admin		4,015,100.00	0.00	4,015,100.00	3,219,158.90	795,941.10	N/A	N/A
	SSTA		2,042,800.00	3,609,044.00	561,020.00	561,020.00	0.00		
	SPM		10,314,000.00	7,320,825.00	9,116,220.00	5,647,284.00	3,468,936.00		
	WHP		5,107,000.00	0.00	5,107,000.00	3,137,688.00	1,969,312.00		
	Cap Dev		10,214,000.00	0.00	10,214,000.00	6,424,582.00	3,789,418.00		
	In-Kind		62,500.00	0.00	62,500.00	62,500.00	0.00		
	SWP		0.00	0.00	0.00	0.00	0.00		
	Total		31,755,400.00	10,929,869.00	29,075,840.00	19,052,232.90	10,023,607.10		

Chart 5 – State Match

Transaction Date	Deposited to #1001007607	Apply to Cap Grant:	Funding Source	Transferred to #7046000195	Description	Match Balance
10/03/2019	3,311,000.00	2019	GO Bond Grant			3,311,000.00
10/29/2019		19 Match	GO Bond Grant	(30,450.00)	Pocahontas	3,280,550.00
		19 Match	GO Bond Grant	(16,050.00)	E Johnson County	3,264,500.00
		19 Match	GO Bond Grant	(13,013.05)	CAW #3 (L) - Jack Wilson	3,251,486.95
		19 Match	GO Bond Grant	(52,794.50)	CAW #3 (L) - Jack Wilson	3,198,692.45
		19 Match	GO Bond Grant	(1,461,534.00)	CAW #5 (L) - Ozark Point-Const	1,737,158.45
		19 Match	GO Bond Grant	(8,866.24)	CAW #5 (L) - Ozark Point-Const	1,728,292.21
		19 Match	GO Bond Grant	(6,317.13)	Helena-W Helena (L)	1,721,975.08
		19 Match	GO Bond Grant	(124,157.00)	Wooster (L)	1,597,818.08
		19 Match	GO Bond Grant	(4,285.00)	Wooster #2 (L)	1,593,533.08
10/31/2019			GO Bond Grant		(1,717,466.92)	1,593,533.08
						1,593,533.08
11/25/2019		19 Match	GO Bond Grant	(44,558.00)	Harmony Grove (L)	1,548,975.08
		19 Match	GO Bond Grant	(40,858.00)	Vilonia (L)	1,508,117.08
		19 Match	GO Bond Grant	(11,444.00)	Nashville	1,496,673.08
		19 Match	GO Bond Grant	(216,792.00)	Carlisle (L)	1,279,881.08
		19 Match	GO Bond Grant	(340,025.00)	CAW #5 (L) - Ozark Point-Const- formerly #4	939,856.08
		19 Match	GO Bond Grant	(342,000.00)	Helena-W Helena (L)	597,856.08
		19 Match	GO Bond Grant	(7,717.00)	North White County Rural Water (L)	590,139.08
		19 Match	GO Bond Grant	(207,102.00)	Prescott (L)	383,037.08
		19 Match	GO Bond Grant	(87,893.64)	Wooster (L)	295,143.44
11/30/2019			GO Bond Grant		(1,298,389.64)	295,143.44
		19 Match	GO Bond Grant	(39,148.00)	Carlisle (L)	255,995.44
		19 Match	GO Bond Grant	(7,000.00)	Eudora (L)	248,995.44
		19 Match	GO Bond Grant	(125,289.00)	Jefferson Samples (L)	123,706.44
		19 Match	GO Bond Grant	(18,783.44)	North White County Rural Water (L)	104,923.00
		19 Match	GO Bond Grant	(35,335.00)	Franchport (L)	69,588.00
		19 Match	GO Bond Grant	(69,588.00)	Crossett (L)	0.00
					(295,143.44)	

Chart 6 – Additional Subsidization by Cap Grant

2010 Cap Grant Requirements (Award date 04/05/11) - CLOSED 03/30/2017														
Minimum Required: \$6,161,700	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	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance
Project														
McNeil	00870-DWSRF-F	11/5/2012	11/5/2012	1,253,860	1,253,860		-				98.9000%	1,240,068	1,240,068	-
Norman	00871-DWSRF-F	6/22/2012	6/22/2012	2,239,005	2,239,005		-				100.0000%	2,239,005	2,239,005	-
Old Bella Vista	00894-DWSRF-F	10/23/2012	10/23/2012	595,817	595,817	(4,183)	-				0.0000%	-	-	-
Stephens	00873-DWSRF-F	11/5/2012	11/5/2012	2,074,000	2,074,000		-				100.0000%	630,000	630,000	-
FINAL - Grant Closed														
2010 Grant Totals				6,162,682	6,162,682	(4,183)	-					4,109,073	4,109,073	-
AR Targeted Amt:				6,162,682	FINAL - Grant Closed		-					4,109,073	Required	
(Over)/Under	FINAL - Grant Closed			0			0					0		
2011 Cap Grant Requirements FS-98600114 (Award date 03/14/12) - CLOSED 03/30/2017														
Minimum Required: \$4,276,510	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	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance
Project														
Bradley	00900-DWSRF-F	6/13/2013	6/13/2013	1,351,551	1,351,551		-				0.0000%			-
Chidester 1	00907-DWSRF-F	4/22/2013	4/22/2013	1,450,000	1,450,000		-				95.9413%	521,000	521,000	-
Stephens	00873-DWSRF-F	11/5/2012	11/5/2012	885,959	885,959		-				100.0000%	2,329,959	2,329,959	-
Wilton (PF)	00908-DWSRF-F	10/14/2013	10/14/2013	590,001	590,001		-				97.5068%	-	-	-
FINAL - Grant Closed														
2011 Grant Totals				4,277,511	4,277,511	-	-					2,850,959	2,850,959	-
AR Targeted Amt:				4,277,511	FINAL - Grant Closed		-					2,850,959	Required	
(Over)/Under	FINAL - Grant Closed			0			-					0		
2012 Cap Grant Requirements (Award date 05/14/12) - CLOSED 12/15/2018														
Minimum Required: \$2,716,400 Maximum Allowed: \$4,074,600	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	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance
Project														
Chidester 1	00907-DWSRF-F	4/22/2013	4/22/2013	-	-		-				95.9413%	870,149	870,149	-
Wilton (L)	00908-DWSRF-L	10/14/2013	10/14/2013	-	-		-				97.5068%	195,014	195,014	-
Wilton (PF)	00908-DWSRF-F	10/14/2013	10/14/2013	331,485	331,485		-				97.5068%	530,000	530,000	-
Winthrop (L)	00910-DWSRF-L	10/21/2013	10/21/2013	-	-		-				95.1214%	266,340	266,340	-
Winthrop (PF)	00911-DWSRF-F	10/21/2013	10/21/2013	900,000	821,687	(78,313)	-				95.1214%	533,660	533,660	-
Lockesburg (PF)	00960-DWSRF-F	10/14/2014	10/14/2014	1,079,876	1,079,876		-				0.0000%	322,000	322,000	-
Waldo (PF)	00995-DWSRF-F	5/10/2015	5/10/2015	1,763,239	1,746,963	(16,276)	-				0.0000%			-
FINAL - Grant Closed														
2012 Grant Totals				4,074,600	3,980,011	(94,589)	-					2,717,162	2,717,162	-
AR Targeted Amt:				4,074,600	FINAL - Grant Closed		-					2,716,400	(Discretionary)	
(Over)/Under	FINAL - Grant Closed			0								(762)		
2013 Cap Grant Requirements (Award date 9/12/13) - CLOSED 03/06/17														
Minimum Required: \$2,548,600 Maximum Allowed: \$3,822,900	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	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance
Project														
Lockesburg (L)	00959-DWSRF-L	10/14/2014	10/14/2014	-	-		-				96.2687%	1,051,062	1,051,062	-
Lockesburg (PF)	00960-DWSRF-F	10/14/2014	10/14/2014	-	-		-				96.2687%	717,582	717,582	-
Strong	00976-DWSRF-F	5/12/2015	5/12/2015	910,648	910,648		-				0.0000%			-
Thornton (PF)	00986-DWSRF-F	5/11/2015	5/11/2015	894,866	894,866		-				95.8000%	9,355	9,355	-
Waldo (PF)	00995-DWSRF-F	5/10/2015	5/10/2015	794,282	794,282		-				0.0000%			-
Wilton (PF)	00908-DWSRF-F	10/14/2013	10/14/2013	-	-		-				97.5068%	365,613	365,613	0
Winthrop (PF)	00911-DWSRF-F	10/21/2013	10/21/2013	-	-		-				95.1214%	247,940	247,940	-
2013 Grant Totals				2,599,796	2,599,796	-	-					2,391,552	2,391,552	-
AR Targeted Amt:				2,599,796	FINAL - Grant Closed		-					2,548,600	(Discretionary)	
(Over)/Under	FINAL - Grant Closed			0								157,048		
2014 Cap Grant Requirements (FS986001-17 Award date 09/29/14) EPA CLOSED 10 30 2019														
Minimum Required: \$2,706,800 Maximum Allowed: \$4,060,200	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	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance
Project														
Chidester 2	00955-DWSRF-F	11/2/2015	11/2/2015	800,000	800,000		-				0.0000%			-
Waldo (PF)	00995-DWSRF-F	5/10/2015	5/10/2015	42,479	-	42,479	-				0.0000%			-
Thornton (L)	00986-DWSRF-L	5/11/2015	5/11/2015	-	-		-				95.8000%	1,077,750	1,077,750	-
Thornton (PF)	00986-DWSRF-F	5/11/2015	5/11/2015	30,134	2,001	28,134	-				95.8000%	836,371	836,371	-
Strong	00976-DWSRF-F	5/12/2015	5/12/2015	489,352	489,352		-							-
Old Bella Vista POA	01063-DWSRF-F	10/4/2017	10/4/2017	500,000	481,281	18,720	-				0.0000%			-
Stamps (PF)	01081-DWSRF-F	12/5/2017	12/5/2017	707,848	707,848		-				100.0000%			-
Marshall (PF)	01062-DWSRF-F	05/15/2018	05/15/2018	1,490,387	1,490,387		-				0.0000%			-
2014 Grant Totals				4,060,200	3,970,869	89,333	-					1,914,121	1,914,121	-
Minimum (Over) / Under				0	FINAL - Grant Closed		2,706,800					2,706,800	(Discretionary)	
Maximum (Over) / Under				0			1,353,400					792,679		

2015 Cap Grant Requirements (FS986001-18 Award date 09/02/19) EPA CLOSED 05 04 2020														
Minimum Required: \$2,689,000 Maximum Allowed: \$4,033,500	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	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance
Project														
Eudora (PF)	01041-DWSRF-F	6/1/2017	6/1/2017				-				0.0000%	2,689,000	2,689,000	-
Marshall (PF)	01062-DWSRF-F	05/15/2018	05/15/2018	509,613	509,613		-				0.0000%			
Gould (PF)	01118-DWSRF-F	02/28/2019	02/28/2019	1,600,000	1,571,789	28,211	-				100.0000%	1,600,000	-	1,600,000
South Pike County Water (PF)	01098-DWSRF-F	08/14/2018	08/23/2018				-	356,568	356,568	0	0.0000%			-
Walker WA (PF)	01136-DWSRF-F	10/03/2018	10/03/2018	550,000	550,000		-				100.0000%			
Stamps (PF)	01081-DWSRF-F	12/05/2017	12/05/2017	1,013,887	1,013,887		-				100.0000%			-
2015 Grant Totals				4,030,068	3,645,289	28,211	-	356,568	356,568	0	3	4,289,000	2,689,000	1,600,000
Minimum (Over) / Under				0	FINAL - Grant Closed		2,689,000					2,689,000		
Maximum (Over) / Under				0			1,344,500					(1,600,000)		
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	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
Project								Max = \$3,815,700						
Eudora (PF)	01041-DWSRF-F	06/01/2017	06/01/2017				-	3,450,000	3,450,000	-	0.0000%	156,731	156,731	(0)
Eudora (L)	01042-DWSRF-L	06/01/2017	06/01/2017				-			-	0.0000%	152,562	152,562	-
Huttig (PF)	01080-DWSRF-F	07/18/2017	07/18/2017	1,209,300	1,209,300		-	365,700	365,700	-	0.0000%	1,575,000	1,575,000	-
Huttig (L)	01079-DWSRF-L	07/18/2017	07/18/2017	-			-			-	100.0000%	458,697	458,697	-
Stamps (PF)	01081-DWSRF-F	12/05/2017	12/05/2017	837,651	837,651		-			-	100.0000%	37,069	37,069	-
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	-		2,380,058	2,380,059	(0)
Minimum (Over) / Under				0			2,543,800					2,543,800	(Discretionary)	
Maximum (Over) / Under				3,815,700			0	0				163,742		
2017 Cap Grant Requirements (FS986001-20 Award date 08/24/17) - Budget & Project period end 10/1/2021														
Minimum Required: \$2,522,000	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)	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance
Project								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	110,892	6,345	80.0000%	2,200,000	-	2,200,000
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%	2,544,564	(37,069)	2,581,633
Gillham Lake RWA 1146 (PF)	01146-DWSRF-F	12/17/2020	12/17/2020	1,264,575	191,629		1,072,946				0.0000%			-
2017 Grant Totals				2,939,237	1,455,399	900,736	1,072,946	417,237	410,892	6,345		4,744,564	(37,069)	4,781,633
Minimum (Over) / Under				0			1,449,054					2,522,000	(Discretionary)	
Maximum (Over) / Under				3,365,763			0	3,365,763				(2,222,564)		
2018 Cap Grant Requirements (FS98600121 Award date 09/5/18) - Budget & Project period end 9/30/2022														
Minimum Required: \$3,342,200	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
Project								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
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	-	4,200,000
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%			-
Wright-Pastoria (PF) (disadvantage eligible)	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	4,567		195,433				?			-
Wilton #2 (PF)	01221-DWSRF-F	05/20/2020	05/20/2020	360,000	360,000		-							-
Rosston (PF)	01258-DWSRF-PF	2/2/2021	2/2/2021	211,868	86,275		125,593							-
SE Bradley (L) ** not closed	01242-DWSRF-PF	Not Closed	Not Closed	-			-							-
							-							-
							-							-
2018 Grant Totals				3,342,200	556,517	-	2,181,978	-	-	-		4,200,000	-	4,200,000
Minimum (Over) / Under				0			1,160,222	-				3,342,200	(Discretionary)	
Maximum (Over) / Under				0			0	Zero in IUP - do not use				(857,800)		

2015 Cap Grant Requirements (FS986001-18 Award date 09/02/19) EPA CLOSED 05 04 2020														
Minimum Required: \$2,689,000 Maximum Allowed: \$4,033,500	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	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance
Project														
Eudora (PF)	01041-DWSRF-F	6/1/2017	6/1/2017				-				0.0000%	2,689,000	2,689,000	-
Marshall (PF)	01062-DWSRF-F	05/15/2018	05/15/2018	509,613	509,613		-				0.0000%			
Gould (PF)	01118-DWSRF-F	02/28/2019	02/28/2019	1,600,000	1,571,789	28,211	-				100.0000%	1,600,000	-	1,600,000
South Pike County Water (PF)	01098-DWSRF-F	08/14/2018	08/23/2018				-	356,568	356,568	0	0.0000%			-
Walker WA (PF)	01136-DWSRF-F	10/03/2018	10/03/2018	550,000	550,000		-				100.0000%			-
Stamps (PF)	01081-DWSRF-F	12/05/2017	12/05/2017	1,013,887	1,013,887		-				100.0000%			-
2015 Grant Totals				4,030,068	3,645,289	28,211	-	356,568	356,568	0	3	4,289,000	2,689,000	1,600,000
Minimum (Over) / Under				0	FINAL - Grant Closed		2,689,000					2,689,000		
Maximum (Over) / Under				0			1,344,500					(1,600,000)		
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	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 = \$3,815,700	Disadvantaged (PF) Expensed	Disadvantaged (PF) Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance
Project														
Eudora (PF)	01041-DWSRF-F	06/01/2017	06/01/2017				-	3,450,000	3,450,000	-	0.0000%	156,731	156,731	(0)
Eudora (L)	01042-DWSRF-L	06/01/2017	06/01/2017				-			-	0.0000%	152,562	152,562	-
Huttig (PF)	01080-DWSRF-F	07/18/2017	07/18/2017	1,209,300	1,209,300		-	365,700	365,700	-	0.0000%	1,575,000	1,575,000	-
Huttig (L)	01079-DWSRF-L	07/18/2017	07/18/2017	-			-			-	100.0000%	458,697	458,697	-
Stamps (PF)	01081-DWSRF-F	12/05/2017	12/05/2017	837,651	837,651		-			-	100.0000%	37,069	37,069	-
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	-		2,380,058	2,380,059	(0)
Minimum (Over) / Under				0			2,543,800					2,543,800	(Discretionary)	
Maximum (Over) / Under				3,815,700			0	0				163,742		
2017 Cap Grant Requirements (FS986001-20 Award date 08/24/17) - Budget & Project period end 10/1/2021														
Minimum Required: \$2,522,000	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 = \$3,783,000	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance
Project														
Arkansas City (PF) disadv. Eligible	01134-DWSRF-F	07/09/2018	07/09/2018	1,257,425	1,257,425	884,834	-	110,892	110,892	-	80.0000%	2,200,000	-	2,200,000
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		-			-	100.0000%	2,544,564	(37,069)	2,581,633
Gillham Lake RWA 1146 (PF)	01146-DWSRF-F	12/17/2020	12/17/2020	1,264,575	10,000		1,254,575			-	0.0000%			-
2017 Grant Totals				2,939,237	1,273,770	884,834	1,254,575	410,892	410,892	-		4,744,564	(37,069)	4,781,633
Minimum (Over) / Under				6,345			1,267,425					2,522,000	(Discretionary)	
Maximum (Over) / Under				3,365,763			0	3,372,108				(2,222,564)		
2018 Cap Grant Requirements (FS98600121 Award date 09/5/18) - Budget & Project period end 9/30/2022														
Minimum Required: \$3,342,200	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) Zero in IUP - do not use	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance
Project														
Hickory Ridge (PF)	01241-DWSRF-F	07/08/2020	07/08/2020	603,705	603,705		-				85.0000%	513,149	-	513,149
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	-	4,200,000
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%			-
Wright-Pastoria (PF) (disadvantage eligible)	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	4,567		195,433				?			-
Wilton #2 (PF)	01221-DWSRF-F	05/20/2020	05/20/2020	360,000	190,581		169,419							-
Rosston (PF)	01258-DWSRF-PF	2/2/2021	2/2/2021	211,868	57,005		154,863							-
SE Bradley (L) ** not closed	01242-DWSRF-PF	Not Closed	Not Closed	-			-							-
							-							
							-							
							-							
2018 Grant Totals				3,342,200	357,828	-	2,380,667	-	-	-		4,200,000	-	4,200,000
Minimum (Over) / Under				0			961,533	-				3,342,200	(Discretionary)	
Maximum (Over) / Under				0			0	Zero in IUP - do not use				(857,800)		

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. Constructon	01077-DWSRF-L	09/09/2019	09/09/2019								2.5000%	925,000	-	925,000
Clinton(L) **	01182-DWSRF-L	08/27/2020	08/27/2020								100.0000%	1,500,000	111,199	1,388,801
Melbourne (L) **	01223-DWSRF-L	08/14/2020	08/14/2020								100.0000%	700,000	-	700,000
Midway (L) meters **	01154-DWSRF-L	8/28/2018	8/28/2018								100.0000%	595,000	-	595,000
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%	112,427	-	112,427
Omaha (PF) (disadvantae eligible)	01175-DWSRF-F	07/15/2020	07/15/2020	-	-		-	850,000	-	850,000	0.0000%			-
Wright-Pastoria (PF) (disadvantage eligible)	01176-DWSRF-F	12/03/2020	12/03/2020	-	-		-	143,300	-	143,300				-
Rosston (PF)	01258-DWSRF-PF	2/2/2021	2/2/2021	60,958	-		60,958							-
Lewisville (L) not closed	01161-DWSRF-L	Not Closed	Not Closed								100.0000%	3,000,000		3,000,000
Tumbling Shoals (L) ** not closed	01186-DWSRF-L	Not Closed	Not Closed								35.0000%	350,000		350,000
Bauxite (L) ** not closed	01270-DWSRF-L	Not Closed	Not Closed								?			-
SE Bradley (L) ** not closed	01242-DWSRF-PF	Not Closed	Not Closed	505,323			505,323							-
Reed (PF) - not closed	01273-DWSRF-F	Not Closed	Not Closed	842,201			842,201							-
Mitchelville (PF) - not closed	01277-DWSRF-F	Not Closed	Not Closed	293,490			293,490							-
Fifty Six - not closed	01301-DWSRF-F	Not Closed	Not Closed	1,609,028			1,609,028			-				-
										-				
2019 Grant Totals				3,311,000	-		3,311,000	993,300	-	993,300		8,075,427	111,199	7,964,227
Minimum (Over) / Under				0			-	-				3,311,000	(Discretionary)	
Maximum (Over) / Under				0			0	0				(4,764,427)		
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						
Minimum Required: \$3,313,200	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						
Fifty Six - not closed	01301-DWSRF-F	Not Closed	Not Closed	638,099						-				-
Village Water Assoc (PF) not closed	01305-DWRSF-F	Not Closed	Not Closed	120,655						-				-
														-
										-				-
20 Grant Totals				758,754	-		-	-	-	-			-	-
Minimum (Over) / Under				3,548,406			3,313,200	993,960				3,313,200	(Discretionary)	
Maximum (Over) / Under				0			0	5,798,100				3,313,200		
2021 Cap Grant Requirements (FS986001?? Award date ESTIMATE) - Budget & Project period end 9/30/2025				Grant amount 16,566,000				5,798,100						
Minimum Required: \$3,313,200	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						
										-				-
														-
										-				-
20 Grant Totals				-	-		-	-	-	-		-	-	-
Minimum (Over) / Under				4,307,160			3,313,200	993,960				3,313,200	(Discretionary)	
Maximum (Over) / Under				0			0	5,798,100				3,313,200		

VII. Appendix B – Financial Statement & Capacity Analysis

Appendix B-1 – Statement of Net Position

STATEMENT OF NET POSITION		
YEARS ENDING JUNE 30, 2020 and June 30, 2019		
	2020 (UNAUDITED)	2019 (AUDITED)
ASSETS		
<i>Current Assets</i>		
Cash and cash equivalents	\$ 125,908,399	\$ 73,271,636
Accrued interest receivable:		
Investment	\$ 38,204	\$ 170,540
Loans	\$ 83,198	\$ 38,555
Accounts receivable:	\$ -	\$ -
Borrowers	\$ 66,041	\$ 24,390
EPA	\$ 310,495	\$ 437,207
Receivable from other fund		\$ 53,468
Investments - current portion		\$ 45,550,629
<i>Total Current Assets</i>	\$ 126,406,337	\$ 119,546,425
<i>Noncurrent Assets</i>		
Investments - restricted		
Loans receivable - restricted		
Constructon	\$ 171,610,408	\$ 153,373,339
NE Arkansas PWA		\$ 3,595,190
<i>Total Noncurrent Assets</i>	\$ 171,610,408	\$ 156,968,529
TOTAL ASSETS	\$ 298,016,745	\$ 276,514,954
LIABILITIES		
<i>Current Liabilities</i>		
Accounts payable	\$ 413,554	\$ 444,578
Payable to other fund		\$ 53,468
Accrued interest payable	\$ 49,916	\$ 58,520
Bonds payable-current portion	\$ 1,985,000	\$ 2,065,000
<i>Total Current Liabilities</i>	\$ 2,448,470	\$ 2,621,566
<i>Noncurrent Liabilities</i>		
Bonds payable-net of unamortized premiums	\$ 11,950,644	\$ 14,184,976
<i>Total Noncurrent Liabilities</i>	\$ 11,950,644	\$ 14,184,976
TOTAL LIABILITIES	\$ 14,399,114	\$ 16,806,542
Net Position		
Restricted by bond resolution and program administration	\$ 283,617,631	\$ 259,708,412

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

COMBINING STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION		
YEARS ENDING JUNE 30, 2020 and June 30, 2019		
	2020 (UNAUDITED)	2019 (UNAUDITED)
<u>OPERATING REVENUES</u>		
Interest on:		
Investments	\$ 1,380,157	\$ 2,228,452
Loans	\$ 2,681,990	\$ 2,739,395
Financing fees	\$ 1,584,099	\$ 1,556,584
Net depreciation of investments	\$ 455,129	\$ 640,691
 Total Operating Revenues	 \$ 6,101,375	 \$ 7,165,122
<u>OPERATING EXPENSES</u>		
Program Administration	\$ 180,816	\$ 170,952
Federal financial assistance programs	\$ 2,590,031	\$ 5,392,372
Bond Interest	\$ 693,633	\$ 803,300
Amortization of bond premiums	\$ (249,332)	\$ (288,753)
 Total Operating Expenses	 \$ 3,215,148	 \$ 6,077,871
<u>OPERATING Income (Loss)</u>	 \$ 2,886,227	 \$ 1,087,251
<u>NON-OPERATING REVENUE</u>		
Base federal grants	\$ 21,310,670	\$ 13,356,719
 <u>INCOME BEFORE TRANSFERS OUT, NET</u>	 \$ 24,196,897	 \$ 14,443,970
Transfers (Out), Net	\$ (287,678)	\$ (391,057)
 Change in Net Position	 \$ 23,909,219	 \$ 14,052,913
<u>NET POSITION</u>		
Beginning of year	\$ 259,708,412	\$ 245,655,499
End of year	\$ 283,617,631	\$ 259,708,412

Appendix B-3 – Statement of Cash Flows

STATEMENT OF CASH FLOWS		
YEARS ENDING JUNE 30, 2020 and June 30, 2019		
	2020 (UNAUDITED)	2019 (AUDITED)
<u>OPERATING ACTIVITIES</u>		
Financing fees received	\$ 1,488,980	\$ 1,604,347
Cash paid for program administration	\$ (191,761)	\$ (149,706)
		\$ -
Net cash provided by operating activities	\$ 1,297,219	\$ 1,454,641
<u>NON-CAPITAL FINANCING ACTIVITIES</u>		
Repayment of long-term debt	\$ (2,065,000)	\$ (2,205,000)
Cash paid for interest	\$ (702,237)	\$ (812,487)
Transfer out	\$ (307,024)	\$ (436,995)
Nonoperation grants received	\$ 21,437,382	\$ 13,478,742
Net cash provided by non capital financing activities	\$ 18,363,121	\$ 10,024,260
<u>INVESTING ACTIVITIES</u>		
Interest received on investments	\$ 1,512,493	\$ 2,273,129
Interest received on loans	\$ 2,690,082	\$ 2,680,284
Principal repayments on loans	\$ 15,775,505	\$ 10,038,895
Loan disbursements	\$ (30,417,384)	\$ (10,376,814)
Federal grant funds expended	\$ (2,590,031)	\$ (5,392,372)
Proceeds from sale of investments	\$ 46,005,758	\$ 29,960,299
Purchase of investments		\$ (40,980,955)
Net Cash provided by (used in) investing activities	\$ 32,976,423	\$ (11,797,534)
Increase (Decrease) in Cash and Cash Equivalents	\$ 52,636,763	\$ (318,633)
<u>CASH AND CASH EQUIVALENTS:</u>		
Beginning of year	\$ 73,271,636	\$ 73,590,269
End of Year	\$ 125,908,399	\$ 73,271,636
<u>RECONCILIATION OF OPERATING INCOME TO NET CASH (Used) IN OPERATING ACTIVITIES:</u>		
Operating Income (Loss)	\$ 2,886,227	\$ 1,087,251
Items not providing operating activities cash flows:		
Interest on investments	\$ (1,380,157)	\$ (2,228,452)
Interest on loans	\$ (2,681,990)	\$ (2,739,395)
Bond interest paid	\$ 693,633	\$ 803,300
Amortization of bond premiums	\$ (249,332)	\$ (288,753)
Net depreciation (appreciation) of investments	\$ (455,129)	\$ (640,691)
Federal grants expended	\$ 2,590,031	\$ 5,392,372
Changes in		
Accounts receivable		
Borrowers	\$ (41,651)	\$ (5,705)
Receivable from other fund	\$ (53,468)	\$ 53,468
Accounts Payable	\$ (10,945)	\$ 21,246
Net cash provided by operating activities	\$ 1,297,219	\$ 1,454,641

Appendix B-4 – Pace Calculations – Financial Indicators

PACE CALCULATIONS - Financial Indicators			
FEDERAL RETURN ON INVESTMENT			
State Fiscal Year	Cumulative Assistance Disbursed	Cumulative Federal Cash Draws	Federal Return on Investment
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%
EXECUTED LOANS AS A PERCENTAGE OF FUNDS AVAILABLE			
State Fiscal Year	Total RLF Assistance Provided (Loans)	Cumulative Funds Available for Loans	Executed Loans as a % of Funds Available
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%
LOAN DISBURSEMENTS AS A PERCENTAGE OF EXECUTED LOANS			
State Fiscal Year	Cumulative Assistance Disbursed	Total RLF Assistance Provided (Loans)	Loan Disbursements as a % of Executed Loans
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	\$ 286,074,546	\$ 348,677,900	82.05%
***Note: All data from NIMS which includes ARRA totals			

Appendix B-5 – Capacity Analysis Bond Issuance

* Preliminary for Discussion Only *

Arkansas Development Finance Authority / Arkansas Natural Resources Commission Preliminary 2020 Drinking Water SRF Capacity Analysis Scenario 1 - 30.00% Subsidy

Summary of Projected Program Capacity

Loan Funding Sources						Loan Funding Uses						(3)		
Fiscal Year	Bonds Sold	Assumed Bond Rate	Federal Cap Grants	State Match	Revenue Fund Releases	(2) Bond Funded New Loans	Direct Funded Loans	Total No Interest Loans	Total New Loans	Cumulative Loans Funded	Inflation Adjusted Total New Loans at 2.43%	Cumulative Inflation Adjusted Total New Loans at	(1) Effective Loan Rate	Effective Subsidy
2021	27,000,000	1.93%	11,761,860	3,313,200	9,724,382	26,595,000	134,671,344	-	161,266,344	161,266,344	161,266,344	161,266,344	0.35%	81.87%
2022	27,000,000	2.25%	11,761,860	3,313,200	11,258,292	26,595,000	26,333,332	-	52,928,332	214,194,696	51,671,696	212,938,040	0.58%	74.22%
2023	27,000,000	2.50%	-	-	17,919,230	26,595,000	17,919,230	-	44,514,230	238,708,926	42,425,558	255,363,598	0.75%	70.00%
2024	27,000,000	3.00%	-	-	21,205,330	26,595,000	21,205,330	-	47,800,330	306,509,256	44,475,817	299,839,415	1.10%	63.33%
2025	27,000,000	3.00%	-	-	22,041,004	26,595,000	22,041,004	-	48,636,004	355,145,260	44,178,939	344,018,354	1.10%	63.33%
2026	26,000,000	3.00%	-	-	22,629,190	25,610,000	22,629,190	-	48,239,190	403,384,450	42,778,125	386,796,479	1.10%	63.33%
2027	26,000,000	3.50%	-	-	23,322,191	25,610,000	23,322,191	-	48,932,191	452,316,642	42,362,419	429,158,898	1.45%	58.57%
2028	26,000,000	3.50%	-	-	23,397,922	25,610,000	23,397,922	-	49,007,922	501,324,564	41,420,632	470,579,530	1.45%	58.57%
2029	26,000,000	3.50%	-	-	23,606,858	25,610,000	23,606,858	-	49,216,858	550,541,422	40,609,596	511,189,126	1.45%	58.57%
2030	26,000,000	4.00%	-	-	24,059,243	25,610,000	24,059,243	-	49,669,243	600,210,665	40,009,827	551,198,952	1.80%	55.00%
2031	26,000,000	4.00%	-	-	24,302,625	25,610,000	24,302,625	-	49,912,625	650,123,289	39,251,285	590,450,238	1.80%	55.00%
2032	26,000,000	4.00%	-	-	23,882,068	25,610,000	23,882,068	-	49,492,068	699,615,357	37,996,485	628,446,722	1.80%	55.00%
2033	26,000,000	4.00%	-	-	23,988,993	25,610,000	23,988,993	-	49,598,993	749,214,350	37,174,491	665,621,213	1.80%	55.00%
2034	26,000,000	4.00%	-	-	24,164,883	25,610,000	24,164,883	-	49,774,883	798,989,233	36,420,572	702,041,786	1.80%	55.00%
2035	26,000,000	4.00%	-	-	24,151,529	25,610,000	24,151,529	-	49,761,529	848,750,762	35,546,315	737,588,100	1.80%	55.00%
2036	26,000,000	4.00%	-	-	24,570,409	25,610,000	24,570,409	-	50,180,409	898,931,171	34,994,469	772,582,569	1.80%	55.00%
2037	26,000,000	4.00%	-	-	25,011,190	25,610,000	25,011,190	-	50,621,190	949,552,361	34,463,700	807,046,270	1.80%	55.00%
2038	26,000,000	4.00%	-	-	25,063,295	25,610,000	25,063,295	-	50,673,295	1,000,225,655	33,680,075	840,726,345	1.80%	55.00%
2039	26,000,000	4.00%	-	-	26,063,491	25,610,000	26,063,491	-	51,673,491	1,051,899,146	33,529,421	874,255,766	1.80%	55.00%
2040	26,000,000	4.00%	-	-	27,178,606	25,610,000	27,178,606	-	52,788,606	1,104,687,752	33,439,733	907,695,499	1.80%	55.00%
TOTAL	525,000,000		23,523,720	6,626,400	447,540,931	517,125,000	587,562,752	-	1,104,687,752		907,695,499			

(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>6/1/2061</i>
To-Date Capitalization to Preserve:	238,959,317
Assumed Future Capitalization:	30,150,120
Total Preservation Requirement:	269,109,437
Equity Fund Balance on 6/1/2061:	269,569,699
Perpetuity Excess/(Shortfall):	460,262

Arkansas Development Finance Authority / Arkansas Natural Resources Commission
Preliminary 2020 Drinking Water SRF Capacity Analysis
Scenario 1 - 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
2021	12,308,570	12,308,570	2,583,988	9,724,582	(9,724,582)	4.76x
2022	14,179,129	14,179,129	2,920,838	11,258,292	(11,258,292)	4.85x
2023	22,471,566	22,471,566	4,552,336	17,919,230	(17,919,230)	4.94x
2024	27,421,501	27,421,501	6,216,171	21,205,330	(21,205,330)	4.41x
2025	30,004,148	30,004,148	7,963,144	22,041,004	(22,041,004)	3.77x
2026	32,303,408	32,303,408	9,674,218	22,629,190	(22,629,190)	3.34x
2027	33,830,621	33,830,621	10,508,430	23,322,191	(23,322,191)	3.22x
2028	35,524,835	35,524,835	12,126,913	23,397,922	(23,397,922)	2.93x
2029	36,786,909	36,786,909	13,180,051	23,606,858	(23,606,858)	2.79x
2030	39,068,682	39,068,682	15,009,439	24,059,243	(24,059,243)	2.60x
2031	41,271,452	41,271,452	16,968,827	24,302,625	(24,302,625)	2.43x
2032	42,764,020	42,764,020	18,881,953	23,882,068	(23,882,068)	2.26x
2033	44,784,071	44,784,071	20,795,078	23,988,993	(23,988,993)	2.15x
2034	46,873,087	46,873,087	22,708,204	24,164,883	(24,164,883)	2.06x
2035	48,772,858	48,772,858	24,621,329	24,151,529	(24,151,529)	1.98x
2036	51,104,863	51,104,863	26,534,455	24,570,409	(24,570,409)	1.93x
2037	53,458,770	53,458,770	28,447,580	25,011,190	(25,011,190)	1.88x
2038	55,424,000	55,424,000	30,360,706	25,063,295	(25,063,295)	1.83x
2039	58,337,322	58,337,322	32,273,831	26,063,491	(26,063,491)	1.81x
2040	61,365,563	61,365,563	34,186,957	27,178,606	(27,178,606)	1.79x
2041	64,301,820	64,301,820	36,100,082	28,201,738	(28,201,738)	1.78x
2042	66,194,381	66,194,381	36,973,208	29,221,173	(29,221,173)	1.79x
2043	57,651,123	57,651,123	35,333,110	22,318,013	(22,318,013)	1.63x
2044	52,497,796	52,497,796	33,641,774	18,856,023	(18,856,023)	1.56x
2045	50,094,691	50,094,691	31,909,801	18,184,890	(18,184,890)	1.57x
2046	47,421,160	47,421,160	30,094,977	17,326,183	(17,326,183)	1.58x
2047	44,700,915	44,700,915	28,280,153	16,420,762	(16,420,762)	1.58x
2048	42,002,947	42,002,947	26,532,545	15,470,402	(15,470,402)	1.58x
2049	39,169,166	39,169,166	24,703,157	14,466,010	(14,466,010)	1.59x
2050	36,091,771	36,091,771	22,873,769	13,218,002	(13,218,002)	1.58x
2051	33,239,208	33,239,208	21,044,381	12,194,828	(12,194,828)	1.58x
2052	30,259,912	30,259,912	19,131,255	11,128,657	(11,128,657)	1.58x
2053	27,266,016	27,266,016	17,218,130	10,047,887	(10,047,887)	1.58x
2054	24,297,347	24,297,347	15,305,004	8,992,343	(8,992,343)	1.59x
2055	21,322,264	21,322,264	13,391,879	7,930,386	(7,930,386)	1.59x
2056	18,336,631	18,336,631	11,478,753	6,857,878	(6,857,878)	1.60x
2057	15,351,799	15,351,799	9,565,628	5,786,171	(5,786,171)	1.60x
2058	12,341,841	12,341,841	7,652,502	4,689,339	(4,689,339)	1.61x
2059	9,305,444	9,305,444	5,739,377	3,566,067	(3,566,067)	1.62x
2060	6,265,922	6,265,922	3,826,251	2,439,670	(2,439,670)	1.64x
2061	3,166,405	3,166,405	1,913,126	1,253,279	(1,253,279)	1.66x
	1,489,333,932	1,489,333,932	773,223,302	716,110,630	(716,110,630)	

Arkansas Development Finance Authority / Arkansas Natural Resources Commission
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Scenario 1 - 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
2021	110,871,702	9,724,582	-	(134,671,344)	-	-	15,075,060	1,000,000
2022	1,000,000	11,258,292	-	(26,333,352)	-	-	15,075,060	1,000,000
2023	1,000,000	17,919,230	-	(17,919,230)	-	-	-	1,000,000
2024	1,000,000	21,205,330	-	(21,205,330)	-	-	-	1,000,000
2025	1,000,000	22,041,004	-	(22,041,004)	-	-	-	1,000,000
2026	1,000,000	22,629,190	-	(22,629,190)	-	-	-	1,000,000
2027	1,000,000	23,322,191	-	(23,322,191)	-	-	-	1,000,000
2028	1,000,000	23,397,922	-	(23,397,922)	-	-	-	1,000,000
2029	1,000,000	23,606,858	-	(23,606,858)	-	-	-	1,000,000
2030	1,000,000	24,059,243	-	(24,059,243)	-	-	-	1,000,000
2031	1,000,000	24,302,625	-	(24,302,625)	-	-	-	1,000,000
2032	1,000,000	23,882,068	-	(23,882,068)	-	-	-	1,000,000
2033	1,000,000	23,988,993	-	(23,988,993)	-	-	-	1,000,000
2034	1,000,000	24,164,883	-	(24,164,883)	-	-	-	1,000,000
2035	1,000,000	24,151,529	-	(24,151,529)	-	-	-	1,000,000
2036	1,000,000	24,570,409	-	(24,570,409)	-	-	-	1,000,000
2037	1,000,000	25,011,190	-	(25,011,190)	-	-	-	1,000,000
2038	1,000,000	25,063,295	-	(25,063,295)	-	-	-	1,000,000
2039	1,000,000	26,063,491	-	(26,063,491)	-	-	-	1,000,000
2040	1,000,000	27,178,606	-	(27,178,606)	-	-	-	1,000,000
2041	1,000,000	28,201,738	-	-	-	-	-	29,201,738
2042	29,201,738	29,221,173	-	-	-	-	-	58,422,911
2043	58,422,911	22,318,013	-	-	-	-	-	80,740,924
2044	80,740,924	18,856,023	-	-	-	-	-	99,596,947
2045	99,596,947	18,184,890	-	-	-	-	-	117,781,837
2046	117,781,837	17,326,183	-	-	-	-	-	135,108,019
2047	135,108,019	16,420,762	-	-	-	-	-	151,528,781
2048	151,528,781	15,470,402	-	-	-	-	-	166,999,183
2049	166,999,183	14,466,010	-	-	-	-	-	181,465,193
2050	181,465,193	13,218,002	-	-	-	-	-	194,683,195
2051	194,683,195	12,194,828	-	-	-	-	-	206,878,023
2052	206,878,023	11,128,657	-	-	-	-	-	218,006,679
2053	218,006,679	10,047,887	-	-	-	-	-	228,054,566
2054	228,054,566	8,992,343	-	-	-	-	-	237,046,909
2055	237,046,909	7,930,386	-	-	-	-	-	244,977,294
2056	244,977,294	6,857,878	-	-	-	-	-	251,835,172
2057	251,835,172	5,786,171	-	-	-	-	-	257,621,344
2058	257,621,344	4,689,339	-	-	-	-	-	262,310,682
2059	262,310,682	3,566,067	-	-	-	-	-	265,876,750
2060	265,876,750	2,439,670	-	-	-	-	-	268,316,420
2061	268,316,420	1,253,279	-	-	-	-	-	269,569,699
	716,110,630	-	-	(587,562,752)	-	-	30,150,120	

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

Arkansas Development Finance Authority / Arkansas Natural Resources Commission
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Scenario 1 - 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
2021	10,166,304	2,142,266	-	-	10,166,304	2,142,266	12,308,570
2022	11,563,597	2,051,099	-	-	11,563,597	2,051,099	13,614,697
2023	11,922,146	1,879,513	-	-	11,922,146	1,879,513	13,801,659
2024	13,661,762	2,252,425	-	-	13,661,762	2,252,425	15,914,187
2025	13,850,291	2,049,464	-	-	13,850,291	2,049,464	15,899,755
2026	13,668,930	1,845,273	-	-	13,668,930	1,845,273	15,514,203
2027	12,677,026	1,646,360	-	-	12,677,026	1,646,360	14,323,386
2028	11,679,668	1,458,862	-	-	11,679,668	1,458,862	13,138,530
2029	10,279,587	1,283,855	-	-	10,279,587	1,283,855	11,563,443
2030	9,868,734	1,132,999	-	-	9,868,734	1,132,999	11,001,733
2031	9,181,230	990,309	-	-	9,181,230	990,309	10,171,538
2032	7,825,871	854,558	-	-	7,825,871	854,558	8,680,430
2033	6,983,920	730,236	-	-	6,983,920	730,236	7,714,155
2034	6,216,297	616,280	-	-	6,216,297	616,280	6,832,577
2035	5,240,105	513,995	-	-	5,240,105	513,995	5,754,099
2036	4,673,384	427,328	-	-	4,673,384	427,328	5,100,712
2037	4,112,766	349,480	-	-	4,112,766	349,480	4,462,246
2038	3,123,344	286,240	-	-	3,123,344	286,240	3,409,585
2039	3,047,328	238,244	-	-	3,047,328	238,244	3,285,572
2040	3,065,780	190,507	-	-	3,065,780	190,507	3,256,286
2041	2,930,052	142,903	-	-	2,930,052	142,903	3,072,955
2042	2,652,656	96,650	-	-	2,652,656	96,650	2,749,306
2043	2,513,859	55,111	-	-	2,513,859	55,111	2,568,970
2044	201,141	25,038	-	-	201,141	25,038	226,179
2045	207,221	20,985	-	-	207,221	20,985	228,206
2046	213,484	16,809	-	-	213,484	16,809	230,293
2047	219,936	12,508	-	-	219,936	12,508	232,444
2048	226,584	8,076	-	-	226,584	8,076	234,660
2049	233,432	3,510	-	-	233,432	3,510	236,943
2050	-	-	-	-	-	-	-
2051	-	-	-	-	-	-	-
2052	-	-	-	-	-	-	-
2053	-	-	-	-	-	-	-
2054	-	-	-	-	-	-	-
2055	-	-	-	-	-	-	-
2056	-	-	-	-	-	-	-
2057	-	-	-	-	-	-	-
2058	-	-	-	-	-	-	-
2059	-	-	-	-	-	-	-
2060	-	-	-	-	-	-	-
2061	-	-	-	-	-	-	-
	182,206,436	23,320,881	-	-	182,206,436	23,320,881	205,527,317

Arkansas Development Finance Authority / Arkansas Nat
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Scenario 1 - 30.00% Subsidy

Projected Drinking Water Debt Service

FYE	Existing Series 2011C Drinking Water Debt Service	Future Bond Debt Service	Total Drinking Water Debt Service
2021	2,583,988	-	2,583,988
2022	2,399,738	521,100	2,920,838
2023	2,304,738	2,247,598	4,552,336
2024	2,209,738	4,006,434	6,216,171
2025	2,089,738	5,873,406	7,963,144
2026	1,985,988	7,688,231	9,674,218
2027	1,035,375	9,473,055	10,508,430
2028	776,250	11,350,663	12,126,913
2029	-	13,180,051	13,180,051
2030	-	15,009,439	15,009,439
2031	-	16,968,827	16,968,827
2032	-	18,881,953	18,881,953
2033	-	20,795,078	20,795,078
2034	-	22,708,204	22,708,204
2035	-	24,621,329	24,621,329
2036	-	26,534,455	26,534,455
2037	-	28,447,580	28,447,580
2038	-	30,360,706	30,360,706
2039	-	32,273,831	32,273,831
2040	-	34,186,957	34,186,957
2041	-	36,100,082	36,100,082
2042	-	36,973,208	36,973,208
2043	-	35,333,110	35,333,110
2044	-	33,641,774	33,641,774
2045	-	31,909,801	31,909,801
2046	-	30,094,977	30,094,977
2047	-	28,280,153	28,280,153
2048	-	26,532,545	26,532,545
2049	-	24,703,157	24,703,157
2050	-	22,873,769	22,873,769
2051	-	21,044,381	21,044,381
2052	-	19,131,255	19,131,255
2053	-	17,218,130	17,218,130
2054	-	15,305,004	15,305,004
2055	-	13,391,879	13,391,879
2056	-	11,478,753	11,478,753
2057	-	9,565,628	9,565,628
2058	-	7,652,502	7,652,502
2059	-	5,739,377	5,739,377
2060	-	3,826,251	3,826,251
2061	-	1,913,126	1,913,126
	15,385,550	757,837,752	773,223,302

Arkansas Development Finance Authority / Arkansas Natural Resources Commission
Preliminary 2020 Drinking Water SRF Capacity Analysis
Scenario 1 - 30.00% Subsidy

Future Pledged Direct Loans Repayments

Issue Date	Jan-21	Jan-22	Jan-23	Jan-24	Jan-25	Jan-26	Jan-27	Jan-28	Jan-29	Jan-30	Jan-31	Jan-32	Jan-33	Jan-34	Jan-35	Jan-36	Jan-37	Jan-38	Jan-39	Jan-40	Total
Amount	134,671,344	26,333,352	17,919,230	21,205,330	22,041,004	22,629,190	23,322,191	23,397,922	23,606,858	24,059,243	24,302,625	23,882,068	23,988,993	24,164,883	24,151,529	24,570,409	25,011,190	25,063,295	26,063,491	27,178,608	587,563,752
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	12/01/21	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	
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	06/01/42	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	
06/01/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/01/22	471,350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	471,350
06/01/23	6,983,763	152,733	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,136,496
06/01/24	6,983,763	1,398,321	134,394	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,516,478
06/01/25	6,983,763	1,398,321	968,187	233,259	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,583,530
06/01/26	6,983,763	1,398,321	968,187	1,186,966	242,451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,779,689
06/01/27	6,983,763	1,398,321	968,187	1,186,966	1,233,743	248,921	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,019,902
06/01/28	6,983,763	1,398,321	968,187	1,186,966	1,233,743	1,266,667	338,172	-	-	-	-	-	-	-	-	-	-	-	-	-	13,375,820
06/01/29	6,983,763	1,398,321	968,187	1,186,966	1,233,743	1,266,667	1,351,732	339,270	-	-	-	-	-	-	-	-	-	-	-	-	14,728,650
06/01/30	6,983,763	1,398,321	968,187	1,186,966	1,233,743	1,266,667	1,351,732	1,356,121	542,299	-	-	-	-	-	-	-	-	-	-	-	16,087,801
06/01/31	6,983,763	1,398,321	968,187	1,186,966	1,233,743	1,266,667	1,351,732	1,356,121	1,368,231	433,066	-	-	-	-	-	-	-	-	-	-	17,546,799
06/01/32	6,983,763	1,398,321	968,187	1,186,966	1,233,743	1,266,667	1,351,732	1,356,121	1,368,231	1,443,139	437,447	-	-	-	-	-	-	-	-	-	18,994,319
06/01/33	6,983,763	1,398,321	968,187	1,186,966	1,233,743	1,266,667	1,351,732	1,356,121	1,368,231	1,443,139	1,457,738	429,877	-	-	-	-	-	-	-	-	20,444,486
06/01/34	6,983,763	1,398,321	968,187	1,186,966	1,233,743	1,266,667	1,351,732	1,356,121	1,368,231	1,443,139	1,457,738	1,432,512	431,802	-	-	-	-	-	-	-	21,878,922
06/01/35	6,983,763	1,398,321	968,187	1,186,966	1,233,743	1,266,667	1,351,732	1,356,121	1,368,231	1,443,139	1,457,738	1,432,512	1,438,925	434,968	-	-	-	-	-	-	23,321,014
06/01/36	6,983,763	1,398,321	968,187	1,186,966	1,233,743	1,266,667	1,351,732	1,356,121	1,368,231	1,443,139	1,457,738	1,432,512	1,438,925	1,449,476	434,728	-	-	-	-	-	24,770,249
06/01/37	6,983,763	1,398,321	968,187	1,186,966	1,233,743	1,266,667	1,351,732	1,356,121	1,368,231	1,443,139	1,457,738	1,432,512	1,438,925	1,449,476	1,448,675	442,267	-	-	-	-	26,226,463
06/01/38	6,983,763	1,398,321	968,187	1,186,966	1,233,743	1,266,667	1,351,732	1,356,121	1,368,231	1,443,139	1,457,738	1,432,512	1,438,925	1,449,476	1,448,675	1,473,800	450,201	-	-	-	27,708,198
06/01/39	6,983,763	1,398,321	968,187	1,186,966	1,233,743	1,266,667	1,351,732	1,356,121	1,368,231	1,443,139	1,457,738	1,432,512	1,438,925	1,449,476	1,448,675	1,473,800	1,500,239	451,139	-	-	29,209,375
06/01/40	6,983,763	1,398,321	968,187	1,186,966	1,233,743	1,266,667	1,351,732	1,356,121	1,368,231	1,443,139	1,457,738	1,432,512	1,438,925	1,449,476	1,448,675	1,473,800	1,500,239	1,503,365	469,143	-	30,730,743
06/01/41	6,983,763	1,398,321	968,187	1,186,966	1,233,743	1,266,667	1,351,732	1,356,121	1,368,231	1,443,139	1,457,738	1,432,512	1,438,925	1,449,476	1,448,675	1,473,800	1,500,239	1,503,365	1,563,359	489,215	32,314,174
06/01/42	6,983,763	1,398,321	968,187	1,186,966	1,233,743	1,266,667	1,351,732	1,356,121	1,368,231	1,443,139	1,457,738	1,432,512	1,438,925	1,449,476	1,448,675	1,473,800	1,500,239	1,503,365	1,563,359	1,630,247	33,955,206
06/01/43	-	1,398,321	968,187	1,186,966	1,233,743	1,266,667	1,351,732	1,356,121	1,368,231	1,443,139	1,457,738	1,432,512	1,438,925	1,449,476	1,448,675	1,473,800	1,500,239	1,503,365	1,563,359	1,630,247	35,586,443
06/01/44	-	-	968,187	1,186,966	1,233,743	1,266,667	1,351,732	1,356,121	1,368,231	1,443,139	1,457,738	1,432,512	1,438,925	1,449,476	1,448,675	1,473,800	1,500,239	1,503,365	1,563,359	1,630,247	37,227,122
06/01/45	-	-	-	1,186,966	1,233,743	1,266,667	1,351,732	1,356,121	1,368,231	1,443,139	1,457,738	1,432,512	1,438,925	1,449,476	1,448,675	1,473,800	1,500,239	1,503,365	1,563,359	1,630,247	38,868,335
06/01/46	-	-	-	-	1,233,743	1,266,667	1,351,732	1,356,121	1,368,231	1,443,139	1,457,738	1,432,512	1,438,925	1,449,476	1,448,675	1,473,800	1,500,239	1,503,365	1,563,359	1,630,247	40,509,548
06/01/47	-	-	-	-	-	1,266,667	1,351,732	1,356,121	1,368,231	1,443,139	1,457,738	1,432,512	1,438,925	1,449,476	1,448,675	1,473,800	1,500,239	1,503,365	1,563,359	1,630,247	42,150,761
06/01/48	-	-	-	-	-	-	1,351,732	1,356,121	1,368,231	1,443,139	1,457,738	1,432,512	1,438,925	1,449,476	1,448,675	1,473,800	1,500,239	1,503,365	1,563,359	1,630,247	43,791,974
06/01/49	-	-	-	-	-	-	-	1,356,121	1,368,231	1,443,139	1,457,738	1,432,512	1,438,925	1,449,476	1,448,675	1,473,800	1,500,239	1,503,365	1,563,359	1,630,247	45,433,187
06/01/50	-	-	-	-	-	-	-	-	1,368,231	1,443,139	1,457,738	1,432,512	1,438,925	1,449,476	1,448,675	1,473,800	1,500,239	1,503,365	1,563,359	1,630,247	47,074,400
06/01/51	-	-	-	-	-	-	-	-	-	1,443,139	1,457,738	1,432,512	1,438,925	1,449,476	1,448,675	1,473,800	1,500,239	1,503,365	1,563,359	1,630,247	48,715,613
06/01/52	-	-	-	-	-	-	-	-	-	-	1,457,738	1,432,512	1,438,925	1,449,476	1,448,675	1,473,800	1,500,239	1,503,365	1,563,359	1,630,247	50,356,826
06/01/53	-	-	-	-	-	-	-	-	-	-	-	1,432,512	1,438,925	1,449,476	1,448,675	1,473,800	1,500,239	1,503,365	1,563,359	1,630,247	51,998,039
06/01/54	-	-	-	-	-	-	-	-	-	-	-	-	1,438,925	1,449,476	1,448,675	1,473,800	1,500,239	1,503,365	1,563,359	1,630,247	53,639,252
06/01/55	-	-	-	-	-	-	-	-	-	-	-	-	-	1,449,476	1,448,675	1,473,800	1,500,239	1,503,365	1,563,359	1,630,247	55,280,465
06/01/56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,448,675	1,473,800	1,500,239	1,503,365	1,563,359	1,630,247	56,921,678
06/01/57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,473,800	1,500,239	1,503,365	1,563,359	1,630,247	58,562,891
06/01/58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,500,239	1,503,365	1,563,359	1,630,247	60,204,104
06/01/59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,503,365	1,563,359	1,630,247	61,845,317
06/01/60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,563,359	1,630,247	63,486,530
06/01/61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,630,247	65,127,743
140,146,619	28,119,149	19,498,141	23,972,585	24,917,313	25,982,256	27,372,813	27,461,697	27,706,921	29,295,847	29,592,201	29,080,108	29,210,306	29,424,480	29,408,219	29,918,270	30,454,989	30,518,435	31,736,328	33,094,154	676,510,832	

Arkansas Development Finance Authority / Arkansas Natural Resources Commission
Preliminary 2020 Drinking Water SRF Capacity Analysis
Scenario 1 - 30.00% Subsidy

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

Issue Date:	Jun-21	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	Total
Par Amount:	26,595,000	26,595,000	26,595,000	26,595,000	26,595,000	25,610,000	25,610,000	25,610,000	25,610,000	25,610,000	25,610,000	25,610,000	25,610,000	25,610,000	25,610,000	25,610,000	25,610,000	25,610,000	25,610,000	25,610,000	517,125,000
Interest Rate	0.35%	0.58%	0.73%	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:	12/01/21	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	
Term:	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
Principal Start:	06/01/23	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	
Final Maturity:	06/01/42	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	

FYE	PR1	PR1	PR1	PR1	PR1	PR1	PR1	PR1	PR1	PR1	PR1	PR1	PR1	PR1	PR1	PR1	PR1	PR1	PR1	PR1	Total
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	93,083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	93,083
2023	1,379,159	154,251	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,533,410
2024	1,379,159	1,412,215	199,463	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,990,836
2025	1,379,159	1,412,215	1,436,945	292,545	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,520,863
2026	1,379,159	1,412,215	1,436,945	1,488,653	292,545	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,009,516
2027	1,379,159	1,412,215	1,436,945	1,488,653	1,488,653	281,710	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,487,333
2028	1,379,159	1,412,215	1,436,945	1,488,653	1,488,653	1,433,517	371,345	-	-	-	-	-	-	-	-	-	-	-	-	-	9,010,486
2029	1,379,159	1,412,215	1,436,945	1,488,653	1,488,653	1,433,517	1,484,331	371,345	-	-	-	-	-	-	-	-	-	-	-	-	10,494,817
2030	1,379,159	1,412,215	1,436,945	1,488,653	1,488,653	1,433,517	1,484,331	1,484,331	371,345	-	-	-	-	-	-	-	-	-	-	-	11,979,148
2031	1,379,159	1,412,215	1,436,945	1,488,653	1,488,653	1,433,517	1,484,331	1,484,331	1,484,331	460,980	-	-	-	-	-	-	-	-	-	-	13,553,114
2032	1,379,159	1,412,215	1,436,945	1,488,653	1,488,653	1,433,517	1,484,331	1,484,331	1,484,331	1,536,158	460,980	-	-	-	-	-	-	-	-	-	15,089,272
2033	1,379,159	1,412,215	1,436,945	1,488,653	1,488,653	1,433,517	1,484,331	1,484,331	1,484,331	1,536,158	1,536,158	460,980	-	-	-	-	-	-	-	-	16,625,430
2034	1,379,159	1,412,215	1,436,945	1,488,653	1,488,653	1,433,517	1,484,331	1,484,331	1,484,331	1,536,158	1,536,158	1,536,158	460,980	-	-	-	-	-	-	-	18,161,587
2035	1,379,159	1,412,215	1,436,945	1,488,653	1,488,653	1,433,517	1,484,331	1,484,331	1,484,331	1,536,158	1,536,158	1,536,158	1,536,158	460,980	-	-	-	-	-	-	19,697,745
2036	1,379,159	1,412,215	1,436,945	1,488,653	1,488,653	1,433,517	1,484,331	1,484,331	1,484,331	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	460,980	-	-	-	-	-	21,233,903
2037	1,379,159	1,412,215	1,436,945	1,488,653	1,488,653	1,433,517	1,484,331	1,484,331	1,484,331	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	460,980	-	-	-	-	22,770,060
2038	1,379,159	1,412,215	1,436,945	1,488,653	1,488,653	1,433,517	1,484,331	1,484,331	1,484,331	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	460,980	-	-	-	24,306,218
2039	1,379,159	1,412,215	1,436,945	1,488,653	1,488,653	1,433,517	1,484,331	1,484,331	1,484,331	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	460,980	-	-	25,842,376
2040	1,379,159	1,412,215	1,436,945	1,488,653	1,488,653	1,433,517	1,484,331	1,484,331	1,484,331	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	460,980	-	27,378,533
2041	1,379,159	1,412,215	1,436,945	1,488,653	1,488,653	1,433,517	1,484,331	1,484,331	1,484,331	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	460,980	28,914,691
2042	1,379,159	1,412,215	1,436,945	1,488,653	1,488,653	1,433,517	1,484,331	1,484,331	1,484,331	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	29,450,849
2043	-	1,412,215	1,436,945	1,488,653	1,488,653	1,433,517	1,484,331	1,484,331	1,484,331	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	28,010,710
2044	-	-	1,436,945	1,488,653	1,488,653	1,433,517	1,484,331	1,484,331	1,484,331	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	27,198,495
2045	-	-	-	1,488,653	1,488,653	1,433,517	1,484,331	1,484,331	1,484,331	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	25,761,250
2046	-	-	-	-	1,488,653	1,433,517	1,484,331	1,484,331	1,484,331	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	24,272,898
2047	-	-	-	-	-	1,433,517	1,484,331	1,484,331	1,484,331	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	22,794,245
2048	-	-	-	-	-	-	1,484,331	1,484,331	1,484,331	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	21,350,728
2049	-	-	-	-	-	-	-	1,484,331	1,484,331	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	19,866,397
2050	-	-	-	-	-	-	-	-	1,484,331	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	18,382,065
2051	-	-	-	-	-	-	-	-	-	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	16,897,734
2052	-	-	-	-	-	-	-	-	-	-	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	15,361,576
2053	-	-	-	-	-	-	-	-	-	-	-	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	13,825,419
2054	-	-	-	-	-	-	-	-	-	-	-	-	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	12,289,261
2055	-	-	-	-	-	-	-	-	-	-	-	-	-	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	10,753,104
2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	9,216,946
2057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,536,158	1,536,158	1,536,158	1,536,158	1,536,158	7,680,788
2058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,536,158	1,536,158	1,536,158	1,536,158	6,144,631
2059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,536,158	1,536,158	1,536,158	4,608,473
2060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,536,158	1,536,158	3,072,315
2061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,536,158	1,536,158
27,676,261	28,398,541	28,938,356	30,065,597	30,065,597	28,952,056	30,057,971	30,057,971	30,057,971	30,057,971	31,184,133	31,184,133	31,184,133	31,184,133	31,184,133	31,184,133	31,184,133	31,184,133	31,184,133	31,184,133	31,184,133	607,295,793

Arkansas Development Finance Authority / Arkansas Natural Resources Commission
Preliminary 2020 Drinking Water SRF Capacity Analysis
Scenario 1 - 30.00% Subsidy

Future Bonds Debt Service

Issue Date	June-21	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	Total
Amount	27,000,000	27,000,000	27,000,000	27,000,000	27,000,000	26,000,000	26,000,000	26,000,000	26,000,000	26,000,000	26,000,000	26,000,000	26,000,000	26,000,000	26,000,000	26,000,000	26,000,000	26,000,000	26,000,000	26,000,000	525,000,000
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	12/01/21	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	
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	06/01/42	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	Debt Service
06/01/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/01/22	521,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	521,100
06/01/23	1,640,098	607,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,247,598
06/01/24	1,640,098	1,691,336	675,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,006,434
06/01/25	1,640,098	1,691,336	1,731,972	810,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,873,406
06/01/26	1,640,098	1,691,336	1,731,972	1,814,824	810,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,688,231
06/01/27	1,640,098	1,691,336	1,731,972	1,814,824	1,814,824	780,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,473,055
06/01/28	1,640,098	1,691,336	1,731,972	1,814,824	1,814,824	1,747,608	910,000	-	-	-	-	-	-	-	-	-	-	-	-	-	11,350,663
06/01/29	1,640,098	1,691,336	1,731,972	1,814,824	1,814,824	1,747,608	1,829,388	910,000	-	-	-	-	-	-	-	-	-	-	-	-	13,180,051
06/01/30	1,640,098	1,691,336	1,731,972	1,814,824	1,814,824	1,747,608	1,829,388	1,829,388	910,000	-	-	-	-	-	-	-	-	-	-	-	15,009,439
06/01/31	1,640,098	1,691,336	1,731,972	1,814,824	1,814,824	1,747,608	1,829,388	1,829,388	1,829,388	1,040,000	-	-	-	-	-	-	-	-	-	-	16,968,827
06/01/32	1,640,098	1,691,336	1,731,972	1,814,824	1,814,824	1,747,608	1,829,388	1,829,388	1,829,388	1,913,126	1,040,000	-	-	-	-	-	-	-	-	-	18,881,953
06/01/33	1,640,098	1,691,336	1,731,972	1,814,824	1,814,824	1,747,608	1,829,388	1,829,388	1,829,388	1,913,126	1,913,126	1,040,000	-	-	-	-	-	-	-	-	20,795,078
06/01/34	1,640,098	1,691,336	1,731,972	1,814,824	1,814,824	1,747,608	1,829,388	1,829,388	1,829,388	1,913,126	1,913,126	1,913,126	1,040,000	-	-	-	-	-	-	-	22,708,204
06/01/35	1,640,098	1,691,336	1,731,972	1,814,824	1,814,824	1,747,608	1,829,388	1,829,388	1,829,388	1,913,126	1,913,126	1,913,126	1,913,126	1,040,000	-	-	-	-	-	-	24,621,329
06/01/36	1,640,098	1,691,336	1,731,972	1,814,824	1,814,824	1,747,608	1,829,388	1,829,388	1,829,388	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,040,000	-	-	-	-	-	26,534,455
06/01/37	1,640,098	1,691,336	1,731,972	1,814,824	1,814,824	1,747,608	1,829,388	1,829,388	1,829,388	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,040,000	-	-	-	-	28,447,580
06/01/38	1,640,098	1,691,336	1,731,972	1,814,824	1,814,824	1,747,608	1,829,388	1,829,388	1,829,388	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,040,000	-	-	-	30,360,706
06/01/39	1,640,098	1,691,336	1,731,972	1,814,824	1,814,824	1,747,608	1,829,388	1,829,388	1,829,388	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,040,000	-	-	32,273,831
06/01/40	1,640,098	1,691,336	1,731,972	1,814,824	1,814,824	1,747,608	1,829,388	1,829,388	1,829,388	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,040,000	-	34,186,957
06/01/41	1,640,098	1,691,336	1,731,972	1,814,824	1,814,824	1,747,608	1,829,388	1,829,388	1,829,388	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,040,000	36,100,082
06/01/42	1,640,098	1,691,336	1,731,972	1,814,824	1,814,824	1,747,608	1,829,388	1,829,388	1,829,388	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	38,013,208
06/01/43	-	1,691,336	1,731,972	1,814,824	1,814,824	1,747,608	1,829,388	1,829,388	1,829,388	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	39,926,334
06/01/44	-	-	1,731,972	1,814,824	1,814,824	1,747,608	1,829,388	1,829,388	1,829,388	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	41,839,460
06/01/45	-	-	-	1,814,824	1,814,824	1,747,608	1,829,388	1,829,388	1,829,388	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	43,752,586
06/01/46	-	-	-	-	1,814,824	1,747,608	1,829,388	1,829,388	1,829,388	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	45,665,712
06/01/47	-	-	-	-	-	1,747,608	1,829,388	1,829,388	1,829,388	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	47,578,838
06/01/48	-	-	-	-	-	-	1,829,388	1,829,388	1,829,388	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	49,491,964
06/01/49	-	-	-	-	-	-	-	1,829,388	1,829,388	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	51,405,090
06/01/50	-	-	-	-	-	-	-	-	1,829,388	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	53,318,216
06/01/51	-	-	-	-	-	-	-	-	-	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	55,231,342
06/01/52	-	-	-	-	-	-	-	-	-	-	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	57,144,468
06/01/53	-	-	-	-	-	-	-	-	-	-	-	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	59,057,594
06/01/54	-	-	-	-	-	-	-	-	-	-	-	-	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	60,970,720
06/01/55	-	-	-	-	-	-	-	-	-	-	-	-	-	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	62,883,846
06/01/56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	64,796,972
06/01/57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,913,126	1,913,126	1,913,126	1,913,126	1,913,126	66,710,098
06/01/58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,913,126	1,913,126	1,913,126	1,913,126	68,623,224
06/01/59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,913,126	1,913,126	1,913,126	70,536,350
06/01/60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,913,126	1,913,126	72,449,476
06/01/61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,913,126	74,362,602
33,323,061	34,434,218	35,545,375	37,106,482	37,106,482	37,106,482	35,732,168	37,497,760	37,497,760	37,497,760	39,302,510	39,302,510	39,302,510	39,302,510	39,302,510	39,302,510	39,302,510	39,302,510	39,302,510	39,302,510	39,302,510	757,837,752

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, 2019 through JUNE 30, 2020)

SEPTEMBER 2020

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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 2020. 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, and SRF-19 work plans. The summary table in Attachment A shows expenditures during SFY 20.

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, upgrades to the Section's LAN system, routine O&M, etc.

The Goals and Objectives, Proposed Outputs and Deliverables as outlined in the work plan and the SFY20 Outputs applied to the State Program Management Set-Aside category are summarized below:

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

Goal: Provide PWSS programs that will bring PWSs into or keep them in compliance.

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
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.		

Outputs¹ – to be documented in Annual Reports:

Output Type	Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.	Deliverables outlined in Work Plan.	SFY 20 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 – 847 and PNs requested – 786, PN verifications received 223, WAOs – 42; AOs – 36, COs – 25
	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: 8/15/19, 11/15/19, 2/15/20, 5/15/20. Dates submitted: 8/9/19, 11/12/19, 2/12/20, 5/9/20. 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	1,338 total plans received, logged and tracked resulting in 2,728 total review assignments.
		Field Surveillance Staff - Review an estimated 200 plans and specifications	SPM Staff conducted 2,626 review assignments on 1,236 plans and specifications.
		Technical Support Staff – Review an estimated 25 plans and specifications	Tech. Support Staff conducted 15 review assignments on eleven 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.)	212 Sanitary Surveys were completed by Field Surveillance staff, 69 of these were completed by SPM funded positions.
		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.)	143 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 372 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"> 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. Stage 2 DBP – 44 monitoring plans completed / approved, letters advising systems of DPB results sent to PWSs – 2,295 Stage 1 & Stage 2 compliance status letters.

Output Type	Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.	Deliverables outlined in Work Plan.	SFY 20 Outputs
			<ul style="list-style-type: none"> A total of 126 OEL exceedance notifications were issued and 99 OEL reports were reviewed.
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 335 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)	15 mandatory compliance schools were offered, however 3 were cancelled due to Covid-19. Twenty-two exam sessions were conducted and 8 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	No fluoride start-up inspections were conducted during this period. One training session specific to fluoride was conducted during staff training.

¹"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 20</u>
Programmatic	ADH retains primacy of SDWA and completes all required reports	Primacy maintained and all required reports were completed.
Environmental	85% ² 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 20.
Programmatic	Maintain certified operators at 95% of community PWSs.	97% of Community PWSs maintained operator certification during SFY 20.

¹The 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

² 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 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 SFY20. 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 SFY20 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

OBJECTIVE 1: To provide assistance to enable small water systems serving a population <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.		
Activities (Outputs)	Administering Agency: ADH	Task Performing Agency: ADH
		SDWA Citation: 1452(g)(2)
	Collaborators	Schedule for Completing Activities - Rate of Completion
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
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.		

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.		

Outputs¹ – to be documented in Annual Reports:

Output Type	Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.	Deliverables outlined in Work Plan.	SFY 20 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 SFY20 the contractors contributed the following:</p> <p>Financial & Managerial (F&M) Total Hours – 939 Technical & Operational (T&O) Total Hours – 1401.75 Details below.</p> <ul style="list-style-type: none"> • On-site Technical Assistance (man-hours) 12. F&M – 108 T&O – 817.5 • Technical Assistance Office Hours 13. F&M – 742 T&O – 195 • Travel Hours 14. F&M – 89 T&O – 389.25 15.

¹"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 20
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.

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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, and SRF 19. 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 SFY20.

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

OBJECTIVE 1: Obtain meaningful information on groundwater aquifer characteristics and vulnerabilities and maintain a well operated GIS data system.	Administering Agency: ADH	Task Performing Agency: ADH
		SDWA Citation: 1428 & 1452(k)(1)(D)
Activities (Outputs)	Collaborators	Schedule for Completing Activities - Rate of Completion
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
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.		

OBJECTIVE 2: Delineate wellhead protection areas and provide public outreach regarding wellhead and groundwater protection efforts.	Administering Agency: ADH	Task Performing Agency: ADH
		SDWA Citation: 1428 & 1452(k)(1)(D)
Activities (Outputs)	Collaborators	Schedule for Completing Activities - Rate of Completion
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
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.		

Outputs¹ – to be documented in Annual Reports:

Output Type	Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.	Deliverables outlined in Work Plan.	SFY 20 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 418 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"> Assistance, as requested, to PWSs in well siting, aquifer identification, and recommended construction features. Estimate: well siting ~ 5 events/year construction recommendations (casing and grout depth, drill cuttings analysis, other) ~ 5 events/year wellhead deficiency surveys ~ 10 events/year 	WHPP staff provided recommendations on construction of twenty-seven wells. Recommendations include: aquifer determination, construction depth, casing and grouting depths, etc. Additionally, 15 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).	Twelve WHPAs were delineated for 6 PWS and 6 Phase 1 Reports for 22 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 260 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.	Seven Phase 2 PSOC inventories were completed & mailed for 22 wells & 3 surface sources. Additionally, 137 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 121 PSOC maps for ARWA to use during field PSOC inventory collection for 3 PWS/ verifications. Produced 34 PSOC inventory maps for ARWAs AWAP. Distributed 8 historical SWAP reports & 187 new reports for review by public water systems. 187 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).	Seven new wells were added to the inventory in SFY20. GPS locations were obtained for each. Gathered construction information during plan review process, sanitary surveys, and prep work for WHPA delineations. Estimate 320 updates, corrections, or additions were made in SFY20.
Programmatic	To review proposed point and non-point discharge permit applications to insure, as much as possible, that drinking water sources are protected and affected water systems are kept informed	To review and comment on approximately 1,000 proposed projects annually with point and non-point source discharges.	A total of 379 permits were reviewed and comments made to the permitting agency. A breakdown of permit reviews by permit type follows: NPDES – 132, Land Application – 57, No discharge – 29, Underground Injection Control– 21, Oklahoma NPDES permits – 6, USFS –12, Tech. Review Committee – 37, Oil & Gas permits – 39, and Miscellaneous – 36. An additional 100+

Output Type	Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.	Deliverables outlined in Work Plan.	SFY 20 Outputs
			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.

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

Outcome Type	Quantitative Description of Outcome	SFY 20
Environmental	50% of community PWSs will have substantially implemented Source Water Protection programs.	425 community PWSs (61.6%) with a population of 2,015,320 (66.8% 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 1 GWUDI determination was made. 5 additional determinations are in progress.
Environmental	50 Source Water Protection Plans prepared or updated.	187 Source Water Protection Plans (new SWAP Reports) for 641 sources for groundwater systems have been developed.

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SUMMARY

The State's Wellhead 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.

Wellhead Protection Program staff 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. Technical assistance to the water systems as needed was also conducted, as was 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 wellhead 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 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

OBJECTIVE 1: To provide assistance to enable small water systems serving a population <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.	Administering Agency: ADH	Task Performing Agency: ADH
		SDWA Citation: 1452(g)(2)
Activities (Outputs)	Collaborators	Schedule for Completing Activities - Rate of Completion
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
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.		

OBJECTIVE 2: Implement the Capacity Development Program to assist new and existing PWSs toward achieving and maintaining technical, managerial and financial (TMF) capacity.	Administering Agency: ADH	Task Performing Agency: ADH
		SDWA Citation: 1452(k)(1)(B)
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.		

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.		Administering Agency: ADH	Task Performing Agency: ADH
			SDWA Citation: 1452(k)(1)(B)
Activities (Outputs)		Collaborators	Schedule for Completing Activities - Rate of Completion
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 st 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
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.			

Outputs¹ – to be documented in Annual Reports:

Output Type	Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.	Deliverables outlined in Work Plan.	SFY 20 Outputs
Environmental	Provide on-site technical assistance and training to PWS operators.	Provide an estimated 2600 man-hours assistance.	<ul style="list-style-type: none"> Technical assistance and/or training concerning DBP issues were provided to 49 systems. A combination of 2,895 DBP letters and OEL notifications were mailed to water systems. ADH staff presented sessions at 1 3-day conference and District Meetings, as requested. One 3-day conference was cancelled due to Covid-19. ADH staff conducted 12 - one day compliance training sessions. Three one-day compliance courses were scheduled but cancelled due to Covid-19. 2 training sessions were held on cross-connection control policies and procedures. 2 BPAA meetings were attended. Cross-connection control surveys were conducted at 55 water systems.
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.	682 out of 693 water systems distributed the 2018 CCRs to customers by July 1, 2019.
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 687 2020 CCRs to water systems in 2020 and evaluated and reviewed all distribution methods for systems who returned certifications before July 1, 2020. The number of community water systems on June 30, 2020 was 687.
Environmental	Maintain the current overall compliance with the CCR		Compliance rate was 98%.

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"> There were significant staff turnover and vacancies during this time period, however nine staff contributed approximately 2.5 FTEs of time towards coordinating and conducting AWOP activities.. 0 CPEs were conducted. Two data audits were conducted. Calibration checks made at 21 surface water treatment plants on 146 turbidimeters, 36 pH meters and 49 chlorine analyzers. AWOP staff participated in 4 AWOP meetings, and 1 ARWA meeting. AWW&WEA meetings cancelled due to Covid-19
Programmatic	Provide operator compliance training courses	Provide 24 operator certification courses operators or operators-in-training.	<ul style="list-style-type: none"> Twelve mandatory Compliance courses were taught at various locations throughout the state. Three one-day compliance courses were scheduled but cancelled due to Covid-19.
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.

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

Outcome Type	Quantitative Description of Outcome	SFY 20
Environmental	To educate/reassure local PWS customers on the quality/safety of their drinking water.	687 water systems distributed CCRs to customers. This was a compliance rate of 98%. 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 listed above, technical assistance was provided to a surface plant which experienced multiple filter underdrain failures, technical assistance was provided to a new surface plant start up, technical assistance was provided to a surface plant with numerous maintenance issues and with greater than 100% staff turnover, and technical assistance was provided to a softening/ iron removal plant.
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 22 exam sessions, plus on-demand computer-based exams capability that is seeing greater use over time. Additionally, 8 cancelled due to Covid-19. The program processed 665 exams, issued 60 Operator in Training certificates, issued 223 new licenses and tracked the renewal of 2,275 operators holding 3,279 active water operator licenses or Operator in Training Certificates.

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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 - WHP (FTE)	AWAT PWSS (FTE)	ASGR General Revenue (FTE)	APWF PWS Service Fee (FTE)	APLE Plan Review Fee Fund (FTE)	AWHF Licensing Fees (FTE)	
Position #	Name	Position Title	Total FTE	Salary (Total)													
Technical Staff																	
22105676	Acuff, Callie	Engineer	1.00	\$52,562.34		0.17		0.83		1.00							
22105781	Alexander, Gregory	Sr. Env. Health Spec.	1.00	\$45,045.54		0.02	0.92	0.06			1.00						
22109218	Bastidas, Vanessa	Engineer	0.03	\$1,738.44		0.03							0.03				
22106817	Beebe, William	Env. Health Spec.	0.64	\$26,038.32		0.59		0.05		0.70							
22105843	Bird, Jason	Env. Health Spec.	1.00	\$38,224.98		0.49	0.13	0.38				1.00					
22110689	Birdsong, Christie	Env. Health Spec.	0.46	\$16,687.00		0.34		0.13	0.46								
22105532	Borbely-Kort, Evelyn	Professional Geologist	1.00	\$59,302.29			1.00				0.50	0.50					
22106157	Bradshaw, Lester	Engineer Technician	0.84	\$27,808.04		0.84								0.84			
22107010	Brown, Taylor	Engineer, P.E.	1.00	\$66,929.41		0.25	0.68	0.07		0.25	0.75						
22076783	Burghart, Steven	Engineer, P.E.	1.00	\$83,256.27		0.88		0.12					0.50			0.50	
22163677	Burns, Tanner	Engineer	0.15	\$7,726.44		0.10		0.05		0.15							
22109951	Butler, Maygun	Env. Health Spec.	1.00	\$36,898.82		0.13		0.87		1.00							
22163676	Chatman, Jake	Engineer	1.00	\$51,255.17		0.77	0.02	0.21		1.00							
22106127	Corder, Craig	Engineer Supervisor	1.00	\$92,028.91		0.23		0.77		1.00							
22105183	Corder, Susan	QA Manager	1.00	\$73,017.14		0.95		0.05						1.00			
22105425	Couch, Tyler	ADH Env. Supv	0.75	\$36,528.52			0.74	0.01			0.75						
22076920	Criswell, Max	Engineer Technician	0.17	\$5,608.55		0.17								0.17			
22109403	Cumnock, Allie	Env. Health Spec.	0.70	\$25,962.29		0.13	0.55	0.02			0.70						
22104518	Dawson, Douglas	Env. Health Spec.	1.00	\$37,840.27		0.64		0.36		1.00							
22106024	Dietz, Hannah	Engineer	0.26	\$13,134.94		0.10		0.16		0.26							
22076817	Dyer, Toby	Engineer Technician	1.00	\$33,491.86		1.00								1.00			
22076851	Elkins, Ebran	Engineer Technician	0.16	\$5,250.21		0.16								0.16			
22104664	Fitzhugh, Steven	Engineer Technician	1.00	\$37,370.97		1.00								1.00			
22105417	Gephardt, Trent	Sr. Env. Health Spec.	1.00	\$40,185.95		0.78		0.22	1.00								
22106189	Gernon, Dean	Engineer	0.92	\$46,358.63		0.72	0.07	0.13						0.92			
22106309	Gibbons, Andrew	Env. Health Spec.	0.68	\$24,665.62		0.20	0.25	0.23	0.34	0.34							
22105701	Greenway, Glenn	Engineer Supervisor	1.00	\$74,970.45		0.70		0.30		0.33				0.67			
22104936	Gregg Jr, Jack	Env. Health Spec.	1.00	\$41,964.77		0.67	0.24	0.09	0.75	0.25							
22105615	Greisen, Carla	Env. Health Spec.	0.15	\$5,562.32		-0.08		0.23		0.15							
22105953	Harris, Robert	Engineer, P.E.	1.00	\$66,244.92		0.96	0.01	0.03	1.00								
22076818	Harris, Joseph	Engineer Technician	0.87	\$28,665.86		0.87								0.87			
22109218	Hilborn, Aaron	Engineer Supervisor	1.00	\$73,770.48		0.03		0.97		1.00							
22105750	Hines, Joshua	Env. Health Spec.	0.46	\$16,686.96		0.43		0.03						0.46			
22106202	Johnson, Steven	Env. Health Spec.	0.23	\$9,177.66			0.23				0.23						
22106395	Johnson, Thomas	Engineer, P.E.	1.00	\$66,929.48		0.71		0.29						1.00			
22105207	Jones, Lance	ADH Engineer Chief	1.00	\$86,916.24		0.84	0.05	0.11						1.00			
22106665	Jones, Mark	Env. Health Spec.	1.00	\$37,835.43		0.63	0.08	0.30				1.00					
22105906	Jones, Trent	Engineer	1.00	\$51,255.12		0.93		0.07	1.00								
22109519	Lee, Teresa	Chief, Technical Sup.	1.00	\$82,125.18		0.34	0.02	0.63						1.00			
22106935	Lee, Kaleb	Engineer Technician	1.00	\$33,071.71		1.00								1.00			
22105008	Mcmanus, Cary	Engineer Technician	0.27	\$9,082.47		0.27								0.27			
22106838	Michaels, Robin	Env. Health Spec.	1.00	\$42,325.85		1.00								1.00			
22105470	Mize, Charles	Engineer Technician	1.00	\$33,915.23		1.00								1.00			
22109829	Norwood, Richard	ADH Env. Supv	0.15	\$6,317.45		0.09	0.04	0.02			0.15						
22107118	Nutt, Andrew	ADH Env. Supv	1.00	\$74,588.98		-0.22		1.22		1.00							
22163678	Parker, Adam	Engineer	1.00	\$53,754.66		0.87		0.13	0.50							0.50	
22105615	Prioleau, Alicia	Env. Health Spec.	0.55	\$19,683.09		0.15		0.40		0.55							
22110689	Pruss, William	Env. Health Spec.	0.15	\$6,014.28		0.15			0.15								
22106342	Reaves, Robert	Engineer	1.00	\$53,096.93		0.67	0.04	0.28	1.00								
22110513	Richter, Eric	Engineer Technician	0.38	\$12,463.41		0.38								0.38			
22109829	Riddle, Savannah	Env. Health Spec.	1.00	\$36,898.92		0.78		0.22			1.00						
22106108	Roberts, Christopher	Engineer Supervisor	1.00	\$73,098.06		0.47	0.03	0.50				1.00					
22106024	Roberts, Shada	Engineer, P.E.	0.35	\$22,673.01		0.25		0.10		0.35							
22104790	Robertson, Clay	ADH Env. Supv	1.00	\$41,408.50		0.99		0.01						1.00			
22106823	Routh, Darcia	Geology Supervisor	1.00	\$67,402.37		-0.01	1.00	0.01			1.00						
22109218	Shaw, Andrew	Engineer	0.81	\$40,561.84		0.39	0.39	0.03					0.81				
22105580	Sohmer, David	Env. Health Spec.	1.00	\$36,898.94		0.60	0.23	0.16				1.00					
22163677	Stacy, William	Engineer	0.62	\$33,078.59		0.27	0.00	0.35		0.62							
22105489	Starling, Stanley	Env. Health Spec.	1.00	\$39,984.43		0.85	0.01	0.14				1.00					
22105224	Stone, Jeffery	ADH Eng. Director	1.00	\$102,509.20		0.98		0.02						1.00			
22105585	Taylor, Dennis	Engineer Supervisor	1.00	\$73,727.54		0.36	0.63	0.01			1.00						
22111755	Thompson Jr., Raymond	Engineer Supervisor	1.00	\$90,921.38		0.96	0.02	0.02					1.00				
22110035	Welytok, Vickie	Engineer	1.00	\$58,278.31		0.90		0.10	1.00								
22111755	Wilson, Jack	Env. Health Spec.	1.00	\$43,995.48		0.97		0.03				1.00					
22109519	Youngblood, Stephen	Engineer Supervisor	1.00	\$72,789.08		0.64	0.07	0.29		1.00							
TOTALS					51.76	\$2,805,561.50		32.48	7.45	11.84	7.20	11.96	7.08	0.50	7.34	1.00	15.74
%								62.75%	14.40%	22.87%	16.00%	24.00%	11.51%		15.07%	1.90%	28.41%

					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 Licensing Fees (FTE)
IT Staff																
22106586	Beard, Matthew	Computer Sup.Analyst	1.00	\$43,433.81	1.00							1.00				
22109788	Bradley, David	Software Sup.Analyst	1.00	\$78,101.06	0.97	0.03								1.00		
22107058	Hill, Steven	Geologist	1.00	\$56,522.38			1.00	0.35	0.65							
22104509	Mance, Margaret	Engineer Technician	1.00	\$37,224.33	1.00									1.00		
22105231	Thompson, Andrew	Systems Analyst	1.00	\$61,233.91	1.00							1.00				
22105749	Treadway, Gregory	Computer Sup.Coord	1.00	\$61,194.64	0.98	0.02								1.00		
2211469	Veluvolu, Ramesh	Software Sup.Analyst	1.00	\$54,435.69	1.00									1.00		
TOTALS					5.95	0.05	1.00	0.35	0.65			2.00		4.00		
Admin. Staff																
22105926	Charbonneau, Helen	Admin. Spec III	0.79	\$34,035.40	0.50	0.11	0.18					0.79				
22105960	Gaston, Cathy	Admin. Analyst	1.00	\$41,653.72	0.63	0.14	0.23							1.00		
22105842	Green, Penelope	Admin. Spec II	1.00	\$38,597.05	0.63	0.14	0.23							1.00		
22105953	Hampton, Ida	Admin. Spec III	1.00	\$34,564.36			1.00		1.00							
22105622	Johnson, Anastasia	Admin. Spec II	0.80	\$20,476.12	0.51	0.11	0.18					0.80				
22106262	Lambert, Marcia	Admin. Spec II	1.00	\$42,491.85			1.00		1.00							
22106262	Lewis, Tauria	Admin. Spec II	1.00	\$26,569.63	0.63	0.14	0.23							1.00		
22111151	Petroff, Rosalyn	Admin. Spec III	1.00	\$35,884.89	0.63	0.14	0.23							1.00		
22104617	Ross, Shunte'	Admin. Spec II	1.00	\$27,247.14	0.63	0.14	0.23							1.00		
22111547	Summons, Sharon	Human Res Prog. Rep.	1.00	\$42,062.55	0.63	0.14	0.23							1.00		
22104661	Trimble, Mary	Budget Analyst	1.00	\$57,885.18	0.63	0.14	0.23							1.00		
TOTALS					5.42	1.20	3.98		2.00			1.59	1.00	6.00		
Engineering Grand Totals					43.85	8.70	16.81	7.55	14.61	7.08	0.50	10.93	2.00	25.74	1.00	0.00
ADH Lab Staff Support by Drinking Water Program																
					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 Licensing Fees (FTE)
Lab Staff																
22106646	Austin, Indya	Lab Technician	0.15	4,188.06	-	-	-							0.15		
22104646	Biddle, Patricia	Sr. Microbiologist	1.00	47,107.61										1.00		
22105874	Bonner, Errol	Chemist	1.00	42,798.28	-	-	-						1.00			
22105874	Cain, Kyle	Chemist	0.50	12,412.30	-	-	-						0.50			
22165497	Clark, Joey	Sr. Chemist	1.00	47,907.46	-	-	-							1.00		
22109380	Colbert, Dionne	Adh Lab Manager	1.00	72,772.30	-	-	-						1.00			
22110210	Cunningham, Gregory	Warehouse Spec.	1.00	30,775.81	-	-	-						1.00			
22106563	Dansby, Delilah	Lab Technician	1.00	7,820.07	-	-	-							1.00		
22076816	Deck, Teresa	Sr. Chemist	1.00	65,753.38	-	-	-						1.00			
22105147	Donnerson, Carolyn	Warehouse Spec.	1.00	31,649.88	-	-	-							1.00		
22106040	Duke, David	Sr. Chemist	1.00	66,796.71	-	-	-							1.00		
22106871	Enlow, Karron	Microbiologist	1.00	43,842.01	-	-	-							1.00		
22105402	Ferguson, Dorothy	Adh Lab Manager	1.00	74,832.96	-	-	-							1.00		
22110868	Freres, Mary	Chemist	1.00	42,220.10	-	-	-							1.00		
22105255	Goetz, Christopher	Chemist	1.00	40,011.04	-	-	-							1.00		
22106716	Gulley, Frederick	Lab Technician	1.00	30,516.73	-	-	-							1.00		
22106474	Henderson, Terri	Sr. Chemist	1.00	66,565.49	-	-	-							1.00		
22106336	Hudgin, Ryan	Lab Technician	1.00	20,775.50	-	-	-							1.00		
22105299	Jefferson, Benjamin	Sr. Chemist	1.00	67,711.53	-	-	-							1.00		
22106712	Jones, Marcus	Lab Technician	1.00	31,687.69	-	-	-						1.00			
22105521	Jordan, Alindria	Adh Lab Manager	1.00	54,371.13	-	-	-							1.00		
22106175	Jordan, Erika	Admin. Spec. II	1.00	27,497.52	-	-	-						1.00			
22107017	Linz, Rhonda	Chemist	1.00	41,169.88	-	-	-						1.00			
22105706	Loyd, Katherine	Microbiologist	1.00	41,169.90	-	-	-						1.00			
22105048	Madden, Fanchon	Chemist	1.00	41,692.89	-	-	-							1.00		
22106449	McGee, Charles	Info. Sys. Coord.	1.00	37,921.06	-	-	-							1.00		
22111353	Morris, Anderson	Sr. Chemist	1.00	48,057.33	-	-	-							1.00		
22104860	Nelson, Melynda	Chemist	1.00	27,830.52	-	-	-							1.00		
22105462	Parrish, Mark	Sr. Chemist	1.00	66,565.49	-	-	-							1.00		
22106766	Pledger, Kersten	Microbiologist	1.00	37,896.24	-	-	-							1.00		
22107121	Poposky, Louis	Sr. Chemist	1.00	66,565.44	-	-	-						1.00			
22106266	Randolph, Debra	Sr. Chemist	1.00	48,457.69	-	-	-							1.00		
22107000	Rankin, Steven	Sr. Chemist	1.00	66,565.44	-	-	-							1.00		
22106087	Sanders, Saluta	Sr. Chemist	1.00	46,440.12	-	-	-						1.00			
22105336	Sheridan, Gregory	Adh Lab Manager	1.00	68,547.41	-	-	-							1.00		
22105303	Sims, Audrey	Sr. Chemist	1.00	45,010.08	-	-	-							1.00		
22106479	Smith, Sandra	Lab Technician	1.00	31,199.66	-	-	-							1.00		
22104860	Threet, Jimmy	Chemist	0.02	914.88	-	-	-							0.02		
22105336	Troup, Timothy	Adh Lab Manager	1.00	73,089.07	-	-	-							1.00		
22105123	Wrightner, Rakara	Sr. Microbiologist	1.00	46,441.82	-	-	-							1.00		
TOTALS					37.67								10.50	27.17		
** FTEs for Lab Staff in general are @ 1.0 per position, only new staff would be less than 1.0 FTE. 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
22105676	Acuff, Callie		145.44	ASRF0018	ARWA Conference
22105676	Acuff, Callie		616.93	ASRF0018	AWOP Quarterly Meeting
22105676	Acuff, Callie		357.08	ASRF0018	Southwest AWWA Annual Conference
22105676	Acuff, Callie	568.04		ASRF0018	AWOP Quarterly Meeting
22105676	Acuff, Callie	282.80		ASRB0018	Technical Assist
22105843	Bird, Jason	286.64		ASRC0018	District Meeting/ Drip Field Inspection
22105843	Bird, Jason	129.93		ASRF0018	Exam Proctor
22105843	Bird, Jason	140.61		ASRC0018	Surveys
22105843	Bird, Jason	132.20		ASRF0018	Exam Proctor
22105608	Borbely-Kort, Evelyn	250.36		ASRB0018	AR Water Resources Center Conference
22105608	Borbely-Kort, Evelyn	110.76		ASRB0018	AGS Earthquake Feature Recognition Workshop
22106783	Burghart, Steve	13.29		ASRF0018	District Meeting
22106783	Burghart, Steve	13.29		ASRF0018	District Meeting
22163676	Chatman, Jake	20.00		ASRF0018	District Meeting
22163676	Chatman, Jake	20.00		ASRF0017	District Meeting
22163676	Chatman, Jake	20.00		ASRF0018	District Meeting
22163676	Chatman, Jake	20.00		ASRF0018	District Meeting
22106127	Corder, Craig	135.76		ASRF0018	CCCP Surveys
22106127	Corder, Craig	135.79		ASRF0018	CCCP Meeting; DBP Technical
22106127	Corder, Craig	131.28		ASRF0018	CCCP Meeting
22106127	Corder, Craig	578.12		ASRF0018	AWOP Meeting
22106127	Corder, Craig	279.95		ASRF0018	DBP & SWTR Technical Assistance
22106127	Corder, Craig	1,233.28		ASRF0018	AWWA - ACE
22105425	Couch, Tyler	322.69		ASRB0018	Groundwater Protection Council Source Water
22105425	Couch, Tyler	103.87		ASRB0018	AR Forests & Drinking Water Biennial Forum
22109403	Cumnock, Allie		232.82	ASRB0018	AR Water Resources Center 2019 Annual
22109403	Cumnock, Allie	130.65		ASRB0018	White River Basin Stakeholder Meeting
22106024	Dietz, Hannah		283.61	ASRF0018	ARWA Conference
22106024	Dietz, Hannah	114.97		ASRF0018	CCCP Surveys
22106189	Gernon, Dean	16.00		ASRF0018	District Meeting
22106189	Gernon, Dean	18.00		ASRF0018	District Meeting
22106189	Gernon, Dean	16.00		ASRF0018	District Meeting
22106189	Gernon, Dean	13.00		ASRF0018	District Meeting
22104936	Gregg, Jack	71.61		ASRC0018	District meeting
22104936	Gregg, Jack	71.63		ASRF0018	Exam Proctor
22104936	Gregg, Jack	8.13		ASRF0018	District Meeting
22104936	Gregg, Jack	23.00		ASRF0018	District Meeting
22104936	Gregg, Jack	16.72		ASRF0018	District Meeting
22104997	Harris, Robert	95.55		ASRF0018	Southside Sanitary Survey

POSITION #	NAME	CH 02	CH 09	INTERNAL CODE	DESCRIPTION
22104997	Harris, Robert	8.44		ASRF0018	District Meeting
22104997	Harris, Robert	102.13		ASRF0018	District Meeting, AWWA-WEA, S. Survey
22104604	Hilborn, Aaron	727.60		ASRF0017	National AWOP Conference
22104604	Hilborn, Aaron	612.19		ASRF0018	Operator Cert. & Cap/Dev Conference
22104604	Hilborn, Aaron	497.65		ASRF0018	DWINS Training
22104604	Hilborn, Aaron	661.73		ASRF0017	AWOP Quarterly Meeting
22105750	Hines, Joshua	150.19		ASRF0018	Cross Connection Control Survey
22169345	Jones, Lance	452.52		ASRF0018	EPA 5 State Meeting.
22106665	Jones, Mark	144.24		ASRF0018	Compliance Course
22106665	Jones, Mark	125.74		ASRF0018	Exam Proctor
22106665	Jones, Mark	100.95		ASRF0018	Compliance Course
22106665	Jones, Mark	274.87		ASRF0018	Exam Proctor
22105906	Jones, Trent	19.83		ASRF0018	District Meeting
22105906	Jones, Trent	18.96		ASRF0018	District Meeting
22105906	Jones, Trent	18.96		ASRF0018	District Meeting
22169346	Lee, Teresa		118.18	ASRF0018	AR Water Research Conference
22169346	Lee, Teresa		1,744.49	ASRC0018	Association of State Drinking Water Administrators
22169346	Lee, Teresa	459.45		ASRF0018	Drinking Water Needs Survey
22169346	Lee, Teresa	477.75		ASRF0018	EPA 5 State Meeting
22107118	Nutt, Martin		730.69	ASRF0018	AWWA Mgrs Meeting
22107118	Nutt, Martin	113.47		ASRF0018	AETA Train the Trainer
22107118	Nutt, Martin	143.25		ASRF0018	Compliance Course
22107118	Nutt, Martin	127.93		ASRF0018	Compliance Course
22107118	Nutt, Martin	24.00		ASRF0018	Municipal League
22107118	Nutt, Martin	159.12		ASRF0018	Compliance Course
22107118	Nutt, Martin	143.71		ASRF0018	Compliance Course
22103648	Parker, Adam	158.04		ASRC0018	Beaver Water District Calibration Checks
22103648	Parker, Adam	119.97		ASRC0018	District Meeting
22106342	Reaves, Robert	756.16		ASRC0017	National AWOP Meeting
22106342	Reaves, Robert	152.24		ASRC0018	Cross Connection Survey
22106342	Reaves, Robert	155.48		ASRC0018	CCCP Surveys & BPAA Meeting
22106342	Reaves, Robert	132.82		ASRC0018	CCCP Surveys
22106342	Reaves, Robert	145.73		ASRC0018	Little River RDA Technical Asst
22106342	Reaves, Robert	568.26		ASRC0018	AWOP Quarterly Meeting
22106342	Reaves, Robert	286.63		ASRC0018	Magnolia Technical Asst
22106342	Reaves, Robert	145.34		ASRF0018	Cross Connection Survey
22109829	Riddle, Savannah	20.00		ASRF0018	District Meeting
22109829	Riddle, Savannah	20.00		ASRF0018	District Meeting
22106024	Roberts, Shada	143.51		ASRF0018	CCCP Survey, District Meeting

POSITION #	NAME	CH 02	CH 09	INTERNAL CODE	DESCRIPTION
22106823	Routh, Darcia		249.32	ASRB0018	AR Watershed Research Conference
22106823	Routh, Darcia	305.18		ASRB0018	Ground Water Protection Council Surface Water
22106823	Routh, Darcia	133.29		ASRB0018	ASU-USACE White River Basin Meeting
22106823	Routh, Darcia	221.74		ASRB0018	AR Forests & Drinking Water Collaboration
22109218	Shaw, Andrew	10.96		ASRF0018	District Meeting
22109218	Shaw, Andrew	8.95		ASRF0018	District Meeting
22109218	Shaw, Andrew	13.30		ASRF0018	District Meeting
22105580	Sohmer, David	16.00		ASRF0018	District Meeting
22105580	Sohmer, David	18.00		ASRF0018	District Meeting
22105580	Sohmer, David	16.00		ASRF0018	District Meeting
22105580	Sohmer, David	23.00		ASRF0018	District Meeting
22103677	Stacy, William		619.34	ASRF0018	National AWOP Meeting
22103677	Stacy, William	556.05		ASRF0018	AWOP Quarterly Meeting
22105489	Starling, Stan	20.68		ASRF0018	District Meeting
22105489	Starling, Stan	18.49		ASRF0018	District Meeting
22105489	Starling, Stan	18.49		ASRF0018	District Meeting
22105489	Starling, Stan	18.49		ASRF0018	District Meeting
22105489	Starling, Stan	16.49		ASRF0018	District Meeting
22105489	Starling, Stan	20.68		ASRF0018	District Meeting
22105489	Starling, Stan	20.68		ASRF0018	District Meeting
22105224	Stone, Jeff		1,760.23	ASRC0018	Association of State Drinking Water Administrators
22105224	Stone, Jeff	514.83		ASRF0018	Dallas 5 State Meeting
22105003	Taylor, Dennis	10.43		ASRF0018	District Meeting
22105749	Treadway, Greg	812.90		ASRC0018	SDWIS Meeting
22111469	Veluvolu, Ramesh	683.70		ASRC0018	SDWIS Conference
22109519	Youngblood, Stephen	15.00		ASRF0018	District Meeting
22109519	Youngblood, Stephen	17.11		ASRF0018	District Meeting