



Arkansas Department of Agriculture, Arkansas Department of Health



Safe Drinking Water Fund and State Revolving Loan Fund Program SFY 2023 Annual Report

(July 1, 2022 – June 30, 2023)
EPA approved 06/05/2024.



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I. Introduction

The State of Arkansas hereby submits its annual report for the Drinking Water State Revolving Loan Fund (DWSRF) Program for state fiscal year (SFY) 2023, July 1, 2022, through June 30, 2023. This report addresses the 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 outlined in the 2023 Intended Use Plan (IUP).

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

Under the Transformation and Efficiencies Act of 2019, the Arkansas Natural Resources Commission was transferred to the Arkansas Department of Agriculture (Department). The Arkansas Natural Resources Commission continues to function under the administration of the cabinet-level Arkansas Department of Agriculture in the same manner as before transformation. The Arkansas Natural Resources Commission works directly with the Department's Natural Resources Division.

Responsibilities for the DWSRF program are divided among the Arkansas Department of Agriculture's Natural Resources Division, Arkansas Department of Health Division of Engineering (ADH), and Arkansas Development Finance Authority (ADFA). Under the Interagency Memorandum of Understanding the Department 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 DWSRF reside with the ADFA.

Arkansas submitted its SFY 2023 IUP to the United States Environmental Protection Agency (EPA) in August 2022. EPA approved the IUP on October 20, 2022.

The IUP for SFY 2023 includes the Arkansas Natural Resources Commission's short-term and long-term goals that meet the four basic goals for the program. Those goals are:

1. To ensure public health protection;
2. To comply with the Safe Drinking Water Act;
3. To ensure affordable drinking water; and
4. To maintain the long-term financial health of the SDWF.

II. List of Abbreviations

ADFA	Arkansas Development Finance Authority
ADH	Arkansas Department of Health/Division of Engineering
DWSRF	Drinking Water State Revolving Loan Fund - also knowns 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

III. Projects and Available Assistance

The Drinking Water State Revolving Fund (DWSRF) program was expected to disburse approximately \$50 million to projects in state fiscal year 2023 (SFY 2023). During SFY 2023, the program disbursed \$12.6 million to projects. In addition, set-aside expenditures were estimated at approximately \$12 million (this includes the administration set-aside) to assist communities as well as provide administration funding for both the Water Development Section and the Arkansas Department of Health (ADH). A total of \$3.5 million was expended in SFY 2023 for set-asides, including the administration set-aside ([Chart 4](#)).

The Department expended \$283,374 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 DWSRF, Public Water System Supervision Program (PWSSP), 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. Issue a call for Bipartisan Infrastructure Law (BIL) project funding applications prior to the end of FY2022.

The call for projects was completed and recommendations were presented to the Arkansas Department of Agriculture's Natural Resources Division in June of 2023.

2. Arkansas anticipated 15 binding commitments for a total of \$42.1 million.

Of the 15 projects listed on the 2023 IUP fundable list, nine projects had binding commitments with loan closings. Total binding commitments for SFY 2023 totaled \$126,681,623.00 ([Chart 2](#)).

The projects that failed to have a loan closing prior to June 30, 2023, were unsuccessful in meeting required milestones, which prevented their ability to proceed to loan closing. American Rescue Plan Act (ARPA) funding hindered projects from closing and disbursing from the DWSRF.

3. Arkansas anticipated three binding commitments for two projects that would include components that meet Green Project Reserve requirements.

Arkansas signed zero binding commitments for Green Project Reserve Components.

- 4. Arkansas anticipated four projects will meet the add sub requirements and up to three of those projects will receive disadvantaged funds in the form of principal forgiveness.**

Arkansas signed one binding commitment for eligible principal forgiveness projects ([Chart 2](#)). The Department disbursed \$283,374 for principal forgiveness in SFY 2023.

- 5. Completed set-aside work plans specifying funds from the capitalization (cap) grant. (Target Completion: Within 60 days of grant award)**

The 2022 Capitalization BIL General Supplemental grant was awarded on November 30, 2022. The Arkansas Department of Health (ADH) submitted the work plan set-asides (excluding administration) to the United States Environmental Protection Agency Region 6 in April 2023.

- 6. ADH will continue to utilize the State Program Management set-aside to a portion of the implementation of the State PWSSP 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 1,400 (goal) plan submissions; 250 (goal) sanitary surveys; technical assistance to PWSSP 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](#).

- 7. Arkansas will continue to screen projects using the project priority system to assure the Safe Drinking Water Act's 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.**

For SFY 2023 there were 923 projects on the project priority list.

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

Arkansas applied for the federal fiscal year (FFY) 2022 cap grant within the first year and it was awarded on November 30, 2022. The FFY 2022 BIL general cap grant application was submitted within the first year and was awarded on November 30, 2022. The FFY 2022 Emerging Contaminants Bipartisan Cap Grant was submitted in the first year and awarded July 25, 2023. The FFY 2022 Lead Service Line Bipartisan Cap Grant was awarded August 2023.

- 9. Arkansas will continue to implement the state capacity development program strategy at no cost to entities. A vital element of this program was 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 2023 goals for these contracts are 1,900 hours of technical assistance with an additional 1,000 hours of technical assistance coming from our Area-Wide Optimization Program activities.**

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

Natural Resources Division staff attended, presented, or staffed a booth at the following:

- Arkansas Municipal League 89th Annual Convention
- Arkansas Municipal League Hybrid Winter Conference
- Arkansas Rural Development Conference
- Arkansas Soil and Water Conference
- Arkansas Water and Wastewater Managers Annual Meeting
- Arkansas Water Conference
- Arkansas Water Environment Association (AWEA) Specialty Conference
- Arkansas Water Young Professionals Network
- ARWA Technical Conference
- Arkansas Water Works & Water Environment Association Conference
- Arkansas Water Work Manager Association Spring Workshop
- City, County, and Local Affairs Subcommittee
- Infrastructure Planning Advisory Committee
- Illinois River Watershed Partnership Meeting with Region 6 RA

During the SFY 2023, Natural Resources Division engaged in several state revolving fund marketing opportunities such as water and wastewater conferences, association meetings, conventions, summits, and conferences. These events allowed direct and personal presentations enabling the agency to showcase the DWSRF program with the borrowing sector. These various summits and association conferences allowed the Department 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 that the DWSRF program is a well-established and economical funding vehicle to utilize, resulting in cost savings for their customers.

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.

This task was not achieved due to the workload of ARPA and infrastructure grants.

11. Arkansas plans to provide assistance to Environmental Justice (EJ) Communities for drinking water infrastructure or technical assistance. The Justice 40 goal is to provide 40% of DWSRF funding to EJ communities.

This task was completed. Natural Resources Division used the division mapping tool to identify EJ communities and used the help of Communities Unlimited and the Arkansas Rural Water Association to provide Technical Assistance to those communities.

B. Progress toward long-term goals

Through their affiliation with the Water Wastewater Advisory Committee (WWAC), the Natural Resources Division and ADH continue to work together to address Safe Drinking Water Act compliance issues. The WWAC is composed of representatives from four state agencies and the United States Department of Agriculture (USDA) Rural Development. It was established by the Governor to coordinate state and federal funding, provide technical feasibility, and preliminary regulatory reviews. WWAC members work together in coordinating funding and extending water quality standards and compliance. The WWAC 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 DWSRF is managed on a day-to-day basis to assure that funds are available to make qualified loans. The DWSRF undergoes an annual audit by independent auditors to further assure its integrity.

The two terms that the Natural Resources 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 DWSRF 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 Environmental Protection Agency (EPA) regulations to ensure perpetuity, principal repayments, and interest are deposited into the fund. The perpetuity of the program is represented in [Appendix B](#).

The 1.0% financing fee is deposited outside the Fund to cover additional expenses. The Department realizes these funds are restricted by the drinking water regulations and the agency 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 the Department's affiliation with the WWAC, the Natural Resources Division and ADH work together to address Safe Drinking Water Act compliance issues. The WWAC is composed of representatives from four state agencies and the USDA Rural Development and was established by the Governor of the State to coordinate state and federal funding, provide technical feasibility, and preliminary regulatory reviews. WWAC members work together coordinating funding and extending water quality standards and compliance. It also provides a forum to communicate the availability of revolving loan 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, the Department adjusted the rates on August 30, 2019 (see [Lending Rates](#)).

4. The Natural Resources Division will meet the growing demand for the DWSRF program by leveraging the fund when the demand exceeds the current revenue streams.

The Natural Resources Division did not leverage the program in SFY 2023. Instead, the focus was on marketing the program to increase fund utilization.

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 Natural Resources 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 when feasible.

Arkansas continues to combine the DWSRF program with other state and federal funding programs when beneficial. Through WWAC meetings, the Natural Resources Division and ADH continue to work towards funding eligible projects. WWAC members work together in coordinating funding and extending water quality standards and compliance. Natural Resources Division has co-funded with Arkansas Rural Water Association, Communities Unlimited, Arkansas Rural Development, and Community Block Development Block Grant.

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

The table below is a list of all open grants.

Open Grants	Award Date
2020 Cap Grant	09/04/2020
2021 Cap Grant	09/01/2021
2022 Base Cap Grant	11/30/2022
2022 BIL Supplemental Cap Grant	11/30/2022
2022 Emerging Contaminates BIL	07/20/2023
2022 Bipartisan Infrastructure Lead Service Line	08/14/2023

The agency 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 fifteen (15) binding commitments to water systems.

Of the 15 projects listed on the 2023 IUP fundable list, four loans were closed during SFY 2023. The 11 projects that failed to have a loan closing prior to June 30, 2023, were unsuccessful in meeting required milestones before signing a bond purchase agreement and subsequent loan closing.

Output 2 – Enter into binding commitments with nine (9) small systems and three (3) large systems during this fiscal year.

Of the 15 projects listed on the 2023 IUP fundable list, four loans were closed during SFY 2023. Of the four closed, two (2) were to large systems and two (2) were to small systems.

Output 3 – ADH also contracts to work with small systems. Goals for these contracts include one eight-hour training course, 12 one-hour group training sessions and one CPE.

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 (Cap) Grants

The United States Environmental Protection Agency (EPA) has awarded Arkansas a total of \$427,813,300.24 in federal capitalization grants through the 2022 cap grant and the infrastructure cap grants.

2. State Match

Total state match required through inceptions' state fiscal year 2023 (SFY 2023) (2022 cap grant) totaled \$67,156,260 of which, was deposited during SFY 2023 ([Chart 5](#)).

3. Leveraging of the Drinking Water State Revolving Fund

The Drinking Water State Revolving Fund (DWSRF) was leveraged for the first time in November 2011. Arkansas leverages periodically to increase the funds available for assistance. Arkansas did not leverage the DWSRF in SFY 2023.

4. Cash Draw Ratio Proportionality

Arkansas disburses 100 percent state match prior to requesting construction federal funds. Once the state match is fully disbursed, then Arkansas will draw 100 percent 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

The DWSRF received a total of \$25,946,770 in principal loan repayments, \$2,227,519 in interest on outstanding loans, and \$3,204,015 in interest earnings on investments.

6. Lending Rates

The Department reviews the rates annually, reviewing market interest rate trends to determine if revolving loan fund 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, the Department set the lending rates as follows:

- 1.00% for a 10-year repayment period (0% interest, 1% fee)
- 1.75% for a 20-year repayment period (0.75% interest, 1% fee)
- 2.25% for a 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 DWSRF (Administrative Fee Account).

B. Uses of drinking water state revolving funds

The Arkansas Department of Agriculture's Natural Resources Division used the DWSRF to make loan disbursements of \$12,960,318 to water projects under construction. Of this amount, federal funds of \$222,942 and state funds of \$35,851,114 were disbursed to loan recipients. Total of \$371,964,374 was spent this fiscal year.

1. Loan Assistance Status

In this reporting period, the Department closed four loans; see [Chart 2](#) for additional details.

2. Binding Commitments

During SFY 2023 binding commitments totaled \$126,666,623 with de-obligations totaling \$141,671.26 for a net increase in binding commitments of \$126,503,760.74, which increased the adjusted cumulative total to \$433,284,689. The percentage of actual binding commitments to required binding commitments decreased compared to SFY 2022, at 153% ([Chart 3](#)) by the end of the fiscal year. The Natural Resources 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 2023 were ineligible due to an inability to repay, elected a different loan source, or were not ready to proceed. Natural Resources Division updated the project priority list (PPL) scoring to give more points to funded projects, therefore projects that were towards the bottom of the PPL list were moved up due to being funded.

4. Small Systems

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

In SFY 2023, four agreements for three projects qualified as a small system and one for large system. The cumulative amount of loans to small systems totals \$151,453,765, which is 35 percent of total binding commitments for SFY 2023 ([Chart 2](#)).

5. Disadvantaged Community Systems

The DWSRF program for disadvantaged communities now provides additional subsidies for loans and has a provision to offer an extended term from 20 to 30 years. No loans that closed qualified as disadvantaged. The American Rescue Plan Act (ARPA) hindered our estimated loans closing for funds for disadvantaged communities.

6. Set-Aside Activity

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

A total of \$406,348.44 in annual expenses were funded from DWSRF set-aside administration during SFY 2023 ([Chart 4](#)). In addition, ADH expended \$3,154,048.37 in federal funds for program administration and other set-aside expenditures for the fiscal year ([Chart 4](#)). Total set-aside federal expenditures for SFY 2023 totaled \$3.5 million.

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

C. Administrative fee account

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

Arkansas deposits these fees into an account that is held outside the DWSRF. On June 30, 2023, available funding in this account totaled just over \$8.4 million.

D. Financial summary

The overall financial position and operation results of the DWSRF 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 DWSRF for SFY 2023. Government Accounting Standards Board Statement No. 34 with its amendments, commonly referred to as the new reporting model, was implemented for year end June 30, 2003. 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, 2023, the DWSRF has funded a total of \$151,612,610.74 in binding commitments ([Chart 3](#)). Loans receivable, which constitute the major portion of DWSRF assets, had an ending balance of \$315,572,375 ([Appendix B-1](#)).

2. Loan Disbursements

Arkansas disbursed a total of \$12,698,770.75 during this reporting period. Of the total disbursed, federal funds of \$3,711,573.11 were disbursed.

3. Annual Repayment/Aging of Accounts

Approximately \$25.9 million in principle was repaid in SFY 2023. Natural Resources Division had eight loan delinquencies in SFY 2023.

Entity	Delinquent Amount	Due Date
East Prairie	82,982.67	Apr 2019 – Oct 2023
Thornton	325,621.90	Apr 2019 – Oct 2023
Dermott	393,517.69	Oct-2021 – Oct 2023
Dermott	393,517.69	Oct-2021 – Oct 2023
Wright Pastoria	7,690.37	April 2022-Oct 2023
Wright Pastoria #2	44,581.42	April 2022-Oct 2023
Nashville	22,361.40	June 2023-Oct 2023
Nashville #2	3,483.88	June 2023-Oct 2023
Nashville #3	5,177.93	June 2023-Oct 2023
Bauxite	1,048.45	May 2023-Oct 2023
Lewisville	26,140.89	April 2023
Total		\$912,606.59

4. Loan Portfolio Analysis

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 the loan portfolio is rated AAA.

5. Investments

During SFY 2023, 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 2021 Arkansas Intended Use Plan, Arkansas reserved the authority to transfer up to 33 percent of the DWSRF capitalization grant to the Clean Water State Revolving Fund (CWSRF) allotment. Arkansas did not transfer funds during SFY 2023.

E. Compliance with operating agreement and grant conditions

Arkansas revised its operating agreement for the DWSRF 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 \$4,815,600.00 in SFY 2023 ([Chart 5](#)).

3. Submit Biennial Report and Annual Audit

Arkansas chose to submit an annual report to EPA rather than a biennial report. This report is submitted to satisfy this condition.

The SFY 2023 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

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

5. Use Funds in Timely and Expeditious Manner

Arkansas has binding commitments for 100 percent of all available loan funds through the FY 2022 capitalization grant (FS986001-25). Public water systems with binding commitments are moving in an expeditious and timely manner to start construction. Natural Resources Division monitors construction progress through bimonthly staff project review and monthly on-site inspections to ensure that operations are initiated according to schedule and funds are drawn in a timely and expeditious manner.

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

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

7. Fair Share Objectives (MBE – DBE)

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

Documentation to support the good faith efforts are closely reviewed by the Natural Resources Division Disadvantage Business Enterprise (DBE) coordinator. All construction projects 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 Natural Resources Division’s project engineer’s or administrator’s files. All required reports were submitted to EPA offices on or before the due date:

Reporting period October 1, 2022, to September 30, 2023:

Total Procurement and MBE/WBE Accomplishments			
	Construction	Non-Construction	Total
Total Procurement	16,525,098.00		16,525,098.00
MBE/WBE Cobined		58,379.00	
Total Procurement and MBE/WBE Accomplishments			
	Construction	Non-Construction	Total
Total Procurement	16,525,098.00		16,525,098.00
MBE/WBE Cobined		58,379.00	

8. Conduct Environmental Reviews

The public water system projects receiving assistance during SFY 2023 were reviewed and approved using the state’s environmental review procedures. [Chart 2](#) shows the environmental reviews that were conducted and the results of each review.

9. Federal Funding Accountability and Transparency Act Reporting

Reporting subawards and executive compensation under the Federal Funding Accountability and Transparency Act (FFATA) set forth in the general condition pass-through entity’s agreement with EPA entitled “Reporting Subawards and Executive Compensation.” The 2022 base cap grant requirement was met, but the 2002 General Bipartisan Infrastructure Law (BIL) was not, due to ARPA and having to hold off on calling for projects.

98600125- 2022 Cap Grant (10/01/2022) - Less in-kind of \$0.00							
\$10,543,000.00		Loan #	Bond Agreement Date	Report Month	Date Submitted on FSRS	Project Completed?	UEI #
Beaver Water Dist	\$ 10,543,000.00	01390-DWSRF-L	04/06/23	Apr-23	07/21/2023	no	FTV6BJMJTHF1
Total Submitted:		\$ 10,543,000.00	0.00	Amount Over/(Under) Reported			

VI.Appendix A – Program Charts

Chart 1 – Sources and Uses

Beginning Balance (06/30/2022) \$ 49,993,478.55

State Fiscal Year 2023

2020 Federal Cap Grant Balance (Construction)	6,393,963.92
2021 Federal Cap Grant Balance (Construction)	12,247,740.00
2022 Federal Cap Grant Balance (Construction)	10,543,000.00
2022 Federal Cap Grant - State Match	77.48
2022 BIL General Federal Cap Grant	27,070,000.00
Principal Repayments	
Interest on Investments	
Interest on Loans	

Sub Total \$56,254,781.40

Total Sources of Funds \$106,248,259.95

USES OF FUNDS

DWSRF Loan Commitments for SFY 2023

Construction Disbursements	\$ 13,670,859.48
ANRC Approved Loans (not closed)	440,748,881.00
ANRC Approved Loans (closed, undisbursed funds)	132,881,007.51

Sub Total \$587,300,747.99

DWSRF Set-Aside Programs for SFY 2022

Administration	465,562.66
Small System Technical Assistance	-
State Program Management	1,144,033.60
Wellhead	622,048.60
Capacity Development Program (CD)	1,387,966.17

Sub Total \$ 3,619,611.03

Debt Service Obligations SFY 2023

Leveraged Bond Principal	-
Leveraged Bond Interest	-

Sub Total \$0

Total Uses of Funds \$590,920,359.02

Available Funds \$ (484,672,099.07)

Fees are not deposited into the Fund; therefore, based on EPA guidance they are not included in the Sources and Uses for the Fund

Chart 2 – Loan Closings

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	Interest	Fee	Combined Lending Rate	Term	Population Served (Project)	Categorical Exclusion or FONSI	**Small Systems (Population < 10,000)	Disadvantaged Community Funded	
Beaver Water District	Western Corridor Pipeline project	WRD-004-270	01390-DWSRF-L	4/6/2023	125,686,157.00			4/15/2026		0.75%	1.00%	175.00%	20	380,000	fonsi			
East End Improvement District #1	Additional funds for construction of water storage tank and rehabilitation on existing water storage tanks.	WRD-004-225	01387-DWSRF-L	9/6/2022	500,000.00			10/15/2023		75.00%	1.00%	1.75%	20	2,297	CE			
				Sub Total	126,186,157.00	0.00	0.00									0.00	0.00	
De-Ob																		
Caraway			01251-DWSRF-L	01/18/2023	(4,758.45)													
Wright Pastoria			01324-DWSRF-L	07/15/2021	(9,683.94)													
Wright Pastoria			01320-DWSRF-L	12/30/2020	(2,562.37)													
HWY 4&24			01330-DWSRF-F	09/14/2022	(21,191.00)													
Reed			01273-DWSRF-F	10/04/2021	(45,466.00)													
Village Water			01304-DWSRF-L	1/18/2023	(79,200.50)													
SECTION 1452 LOANS CLOSED SFY 2023 TOTAL					\$ 126,023,294.74	\$ -	\$ -									\$ -	\$ -	
TOTAL CUM SECTION 1452 LOANS(NIMS line 137-143) (Binding Commitments through 6/30/22)					\$ 432,164,432.00	\$ 2,757,463.00	\$ 46,553,939.45									\$ 150,958,299.00	\$ 150,958,299.00	
TOTAL CUM SECTION 1452 LOANS CLOSED / BINDING COMMITMENTS					\$ 558,187,726.74	\$ 2,757,463.00	\$ 46,553,939.45									\$ 150,958,299.00	\$ 150,958,299.00	
															Percentage of Binding Commitments:		27%	27%

**Small systems are defined as systems with population of 10,000 or less

Total deobligations (162,862.26)

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 18	2019	1	SFY19 Q1	FFY18 Q4	1,671,000	50,036,661	3,152,500	1,002,275	2,150,225	244,980,804	68,898,152	176,082,652	2,713,230	213,955,913	3,660,000	285,066,500	133%
Oct - Dec 18		2	SFY19 Q2	FFY19 Q1		50,036,661	4,177,750	1,136,348	3,041,402	249,158,554	70,034,500	179,124,054	2,780,725	216,736,638	3,700,000	288,766,500	133%
Jan - Mar 19		3	SFY19 Q3	FFY19 Q2	1,671,000	51,707,661	4,177,750	1,136,348	3,041,402	253,336,304	71,170,848	182,165,456	2,780,725	219,517,363	5,800,000	294,566,500	134%
Apr - Jun 19		4	SFY19 Q4	FFY19 Q3		51,707,661	4,177,750	1,136,348	3,041,402	257,514,054	72,307,196	185,206,858	2,780,725	222,298,088	1,275,000	295,841,500	133%
Jul - Sep 19	2020	1	SFY20 Q1	FFY19 Q4		51,707,661	4,177,750	1,136,348	3,041,402	261,691,804	73,443,544	188,248,260	2,780,725	225,078,813	37,361,000	333,202,500	148%
Oct - Dec 19		2	SFY20 Q2	FFY20 Q1	3,311,000	55,018,661	4,138,750	1,100,238	3,038,513	265,830,554	74,543,782	191,286,773	3,876,952	228,955,765	7,203,700	340,406,200	149%
Jan - Mar 20		3	SFY20 Q3	FFY20 Q2		55,018,661	4,138,750	1,100,238	3,038,513	269,969,304	75,644,019	194,325,285	3,876,952	232,832,717	1,721,700	342,127,900	147%
Apr - Jun 20		4	SFY20 Q4	FFY20 Q3		55,018,661	4,138,750	1,100,238	3,038,513	274,108,054	76,744,257	197,363,798	3,876,952	236,709,669	6,550,000	348,677,900	147%
Jul - Sep 20	2021	1	SFY21 Q1	FFY20 Q4		55,018,661	4,138,750	1,100,238	3,038,513	278,246,804	77,844,494	200,402,310	3,876,952	240,586,621	8,428,535	357,106,435	148%
Oct - Dec 20		2	SFY21 Q2	FFY21 Q1	3,311,000	58,329,661	4,141,500	1,076,790	3,064,710	282,388,304	78,921,284	203,467,020	3,866,263	244,452,883	50,151,234	407,257,669	167%
Jan - Mar 21		3	SFY21 Q3	FFY21 Q2		58,329,661	4,141,500	1,076,790	3,064,710	286,529,804	79,998,074	206,531,730	3,866,263	248,319,146	8,360,502	415,618,171	167%
Apr - Jun 21		4	SFY21 Q4	FFY21 Q3		58,329,661	4,141,500	1,076,790	3,064,710	290,671,304	81,074,864	209,596,440	3,866,263	252,185,408	0	415,618,171	165%
Jul - Sep 21	2022	1	SFY22 Q1	FFY21 Q4		58,329,661	4,141,500	1,075,815	3,065,685	294,812,804	82,150,679	212,662,125	3,866,263	256,051,671	7,213,562	422,831,734	165%
Oct - Dec 21		2	SFY22 Q2	FFY22 Q1	2,108,600	60,438,261	4,137,750	1,075,815	3,061,935	298,950,554	83,226,494	215,724,060	3,893,010	259,944,681	3,045,698	425,877,432	164%
Jan - Mar 22		3	SFY22 Q3	FFY22 Q2		60,438,261	4,137,750	1,075,815	3,061,935	303,088,304	84,302,309	218,785,995	3,893,010	263,837,691	0	425,877,432	161%
Apr - Jun 22		4	SFY22 Q4	FFY22 Q3	2,707,000	63,145,261	4,137,750	1,075,815	3,061,935	307,226,054	85,378,124	221,847,930	3,893,010	267,730,701	6,287,000	432,164,432	161%
Jul - Sep 22	2023	1	SFY23 Q1	FFY22 Q4		63,145,261	10,542,999	4,074,345	6,468,654	317,769,053	89,452,469	228,316,584	8,577,254	276,307,955	1,400,000	433,564,432	157%
Oct - Dec 22		2	SFY23 Q2	FFY23 Q1	2,108,600	65,253,861	11,367,000	4,074,345	7,292,655	329,136,053	93,526,814	235,609,239	9,566,055	285,874,010	0	433,564,432	152%
Jan - Mar 23		3	SFY23 Q3	FFY23 Q2		65,253,861	27,070,000	4,074,345	22,995,655	356,206,053	97,601,159	258,604,894	28,409,655	314,283,665	302,535,429	736,099,861	234%
Apr - Jun 23		4	SFY23 Q4	FFY23 Q3	2,707,000	67,960,861	42,653,000	4,074,345	38,578,655	398,859,053	101,675,504	297,183,549	47,109,255	361,392,920	306,120,429	1,042,220,290	288%
TOTALS																	
					\$ 71,664,161		\$ 398,859,053	\$ 101,675,504	\$ 297,183,549				\$ 361,392,920		\$ 1,042,220,290		

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

SRF Grant Year	Set-Aside	% of Grant	Total Available	Total Reserved	Total Budgeted	Total Expended To Date	Remaining Balance	Grant Start Date	Expense Begin Date	Expense End Date	Grant End Date
2020	Admin	4.0%	662,640.00		662,640.00	662,640.00	0.00	10/1/2020	Sep-20	Sep-21	9/30/2024
	SSTA	2.0%	331,320.00	331,320.00	0.00	0.00	0.00		TBD	TBD	
	SSTA	2.0%	331,320.00	331,320.00	0.00	0.00	0.00		TBD	TBD	
	PWSS	10.0%	1,490,040.00	496,980.00	1,159,620.00	908,339.70	251,280.30		TBD	TBD	
	WHP	5.0%	662,040.00		828,300.00	773,968.12	54,331.88		TBD	TBD	
	Cap Dev	10.0%	1,656,600.00		1,656,600.00	1,656,600.00	0.00		TBD	TBD	
	SWP	0.0%			0.00	0.00	0.00		TBD	TBD	
	Total	31.0%	4,802,640.00	828,300.00	4,307,160.00	4,001,547.82	305,612.18				
2021	Admin	4.0%	662,640.00		662,040.00	662,039.65	0.35	10/1/2020	Sep-20	Sep-21	9/30/2024
	SSTA	2.0%	331,320.00	331,020.00		0.00	0.00		TBD	TBD	
	SSTA	2.0%	331,320.00	331,020.00		0.00	0.00		TBD	TBD	
	PWSS	10.0%	1,490,040.00	496,530.00	1,158,570.00	0.00	1,158,570.00		TBD	TBD	
	WHP	5.0%	662,040.00		827,550.00		827,550.00		TBD	TBD	
	Cap Dev	10.0%	1,655,100.00		1,655,100.00	628,982.47	1,026,117.53		TBD	TBD	
	SWP	0.0%			0.00	0.00	0.00		TBD	TBD	
	Total	31.0%	4,801,140.00	827,550.00	4,303,260.00	1,291,022.12	3,012,237.88				
2022 Base	Admin	4.0%	421,720.00	0.00	421,720.00	1,333.94	420,386.06	10/1/2022	Sep-22	Sep-23	9/30/2026
	SSTA	2.0%	210,860.00	210,860.00	0.00	0.00	0.00		TBD	TBD	
	PWSS	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	WHP	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	Cap Dev	10.0%	1,054,300.00	1,054,300.00	0.00	0.00	0.00		TBD	TBD	
	SWP	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	Total	16.0%	1,686,880.00	1,265,160.00	421,720.00	1,333.94	420,386.06				
2022 BIL-G Estimate	Admin	4.0%	1,082,800.00	0.00	1,082,800.00	0.00	1,082,800.00	10/1/2022	Sep-22	Sep-23	9/30/2026
	SSTA	2.0%	541,400.00	0.00	541,400.00	0.00	541,400.00		TBD	TBD	
	PWSS	10.0%	2,707,000.00	0.00	2,707,000.00	0.00	2,707,000.00		TBD	TBD	
	WHP	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	Cap Dev	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	SWP	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	

SRF Grant Year	Set-Aside	% of Grant	Total Available	Total Reserved	Total Budgeted	Total Expended To Date	Remaining Balance	Grant Start Date	Expense Begin Date	Expense End Date	Grant End Date
	Total	16%	4,331,200.00	0.00	4,331,200.00	0.00	4,331,200.00				
2022 GIL-LSL Estimate	Admin	4.0%	1,706,120.00	0.00	1,706,120.00	0.00	1,706,120.00	10/1/2022	Sep-22	Sep-23	9/30/2026
	SSTA	2.0%	853,060.00	0.00	853,060.00	0.00	853,060.00		TBD	TBD	
	PWSS	10.0%	4,265,300.00	0.00	4,265,300.00	0.00	4,265,300.00		TBD	TBD	
	WHP	5.0%	2,132,650.00	0.00	0.00	0.00	0.00		TBD	TBD	
	Cap Dev	10.0%	4,265,300.00	0.00	4,265,300.00	0.00	4,265,300.00		TBD	TBD	
	SWP	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	Total	31%	13,222,430.00	0.00	11,089,780.00	0.00	11,089,780.00				
2022 BIL-EC	Admin	4.0%	454,680.00	454,680.00	0.00	0.00	0.00	5/1/2023	May-23	Apr-27	4/30/2027
	SSTA	2.0%	227,340.00	227,340.00	0.00	0.00	0.00		TBD	TBD	
	PWSS	10.0%	1,136,700.00	1,136,700.00	0.00	0.00	0.00		TBD	TBD	
	WHP	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	Cap Dev	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	SWP	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	Total	16%	1,818,720.00	1,818,720.00	0.00	0.00	0.00				
2023 Base	Admin	4.0%	236,480.00	236,480.00	0.00	0.00	0.00	10/1/2023	Sep-23	Sep-24	9/30/2027
	SSTA	2.0%	118,240.00	0.00	118,240.00	0.00	118,240.00		TBD	TBD	
	PWSS	10.0%	591,200.00	0.00	591,200.00	0.00	591,200.00		TBD	TBD	
	WHP	0.0%	295,600.00	0.00	295,600.00	0.00	295,600.00		TBD	TBD	
	Cap Dev	0.0%	591,200.00	0.00	591,200.00	0.00	591,200.00		TBD	TBD	
	SWP	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	Total	16%	1,832,720.00	236,480.00	1,596,240.00	0.00	1,596,240.00				
2023 BIL General	Admin	4.0%	108,360.00	0.00	108,360.00	0.00	108,360.00	10/1/2023	Sep-23	Sep-24	9/30/2027
	SSTA	2.0%	504,180.00	0.00	504,180.00	0.00	504,180.00		TBD	TBD	
	PWSS	10.0%	2,520,900.00	0.00	2,520,900.00	0.00	2,520,900.00		TBD	TBD	
	WHP	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	Cap Dev	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	SWP	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	Total	16%	3,133,440.00	0.00	3,133,440.00	0.00	3,133,440.00				

SRF Grant Year	Set-Aside	% of Grant	Total Available	Total Reserved	Total Budgeted	Total Expended To Date	Remaining Balance	Grant Start Date	Expense Begin Date	Expense End Date	Grant End Date
2023 BIL LSL	Admin	4.0%	1,811,960.00	0.00	1,811,960.00	0.00	1,811,960.00	10/1/2023	Sep-23	Sep-24	9/30/2027
	SSTA	2.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	PWSS	10.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	WHP	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	Cap Dev	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	SWP	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	Total	16%	1,811,960.00	0.00	1,811,960.00	0.00	1,811,960.00				
2023 BIL EC	Admin	4.0%	365,880.00	0.00	365,880.00	0.00	365,880.00	10/1/2023	Sep-23	Sep-24	9/30/2027
	SSTA	2.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	PWSS	10.0%	914,700.00	914,700.00	0.00	0.00	0.00		TBD	TBD	
	WHP	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	Cap Dev	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	SWP	0.0%	0.00	0.00	0.00	0.00	0.00		TBD	TBD	
	Total	16%	1,280,580.00	914,700.00	365,880.00	0.00	365,880.00				
Totals	Set-Aside	% of Grant	Total Available	Total Reserved	Total Budgeted	Total Expended To Date	Total Remaining Balance		Expense Begin Date	Expense End Date	Grant End Date
Current Balance Totals (Includes Est. FFY23 Cap Grants)	Admin		10,865,740.00	691,160.00	10,173,980.00	4,678,473.59	5,495,506.41	N/A	Sep-23	Sep-24	N/A
	SSTA		4,829,200.00	2,251,000.00	2,577,900.00	561,020.00	2,016,880.00		TBD	TBD	
	PWSS		23,773,280.00	3,745,710.00	20,359,190.00	7,893,105.61	11,494,250.30		TBD	TBD	
	WHP		8,031,030.00	0.00	6,230,150.00	4,757,965.27	1,177,481.88		TBD	TBD	
	Cap Dev		17,779,900.00	1,054,300.00	16,725,600.00	10,842,281.73	5,291,417.53		TBD	TBD	
	Total		65,279,150.00	7,742,170.00	56,066,820.00	28,732,846.20	25,475,536.12				

Chart 5 – State Match

State Match Disbursements							
Project	Loan	Month/Day	Payment #	Payment	State Match	FFY22 BASE	FFY22 GS
East End (L)	01387-DWSRF-L	2/14/2023	4	\$ 50,610.00	\$ 50,610.00	50,610.00	-
Gilham Lake Regional PWA (L)	01318-DWSRF-L	2/15/2023	7	\$ 106,600.00	\$ 106,600.00	106,600.00	-
CAW-Jack Wilson Phase II #9	01380-DWSRF-L	2/21/2023	5	\$ 208,042.00	\$ 208,042.00	208,042.00	-
CAW-West Pulaski (L)- Ridgefield	01357-DWSRF-L	2/21/2023	8	\$ 150,103.00	\$ 150,103.00	150,103.00	-
CAW #5 (L) Ozark Point	01077-DWSRF-L	5/26/2023	54	\$ 771.00	\$ 771.00	771.00	-
CAW-Jack Wilson Phase II #9	01380-DWSRF-L	5/26/2023	8	\$ 257,260.00	\$ 257,260.00	257,260.00	-
CAW-West Pulaski (L)- Ridgefield	01357-DWSRF-L	5/26/2023	10	\$ 89,915.14	\$ 89,915.14	89,915.14	-
East End (L)	01387-DWSRF-L	5/26/2023	6	\$ 54,561.00	\$ 54,561.00	54,561.00	-
East End (L)	01328-DWSRF-L	5/26/2023	14	\$ 9,025.00	\$ 9,025.00	9,025.00	-
Madison Co Water (L)	01213-DWSRF-L	5/26/2023	7	\$ 65,753.00	\$ 65,753.00	65,753.00	-
Beaver Water District	01390-DWSRF-L	6/29/2023	2	\$ 2,292,506.00	\$ 2,292,506.00	1,115,959.86	1,176,546.14
CAW #6 (L) - Paron Owensville	01263-DWSRF-L	6/29/2023	10	\$ 30,936.97	\$ 30,936.97		30,936.97
Salem Water Users Ass (L)	01227-DWSRF-L	6/29/2023	22	\$ 395,490.00	\$ 395,490.00		395,490.00
Totals:				\$ 3,711,573.11	\$ 3,711,573.11	\$ 2,108,600.00	\$ 1,602,973.11

Deposits		
Drinking Water State Match - FFY22 Base Cap Grant	2,108,600.00	2/10/2023
Drinking Water State Match - FFY22 BIL GS Cap Grant	2,707,000.00	2/10/2023
Total Deposited - Go Bond Funds	4,815,600.00	

Chart 6 – Additional Subsidization by Cap Grant

Project	Loan Number	Loan Closing Date	Add Sub (PF) Allocated	Add Sub (PF) Expensed	De-Obligated Add Sub Funds	Add Sub (PF) Balance	Disadvantaged Community (PF)	Add Sub (PF) SDW Allocated-MAX	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements 20% required	GPR Allocated	GPR Expensed	GPR Balance
2020 Cap Grant Requirements (FS98600123 Award date 09/04/2020) - Budgt & Project period end 9/30/2024							Grant amount 16,566,000	5,798,100						
14% Minimum Required: \$2,319,240														
Maximum Allowed Disadv of 35%: \$5,798,100														
Project	Loan Number	Loan Closing Date	Add Sub (PF) Allocated	Add Sub (PF) Expensed	De-Obligated Add Sub Funds	Add Sub (PF) Balance	Disadvantaged Community (PF) Max 6%	Add Sub (PF) SDW Allocated-MAX Zero in IUP do not use	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance
Village Water Assoc (PF)	01305-DWSRF-F	10/05/2021	120,655.00	120,655.00	-	-	993,960.00	-	-	-	0.0000%	-	-	-
Hwy 4 & 24 Water Association (PF)	01330-DWSRF-F	11/17/2021	21,191.00	-	21,191.00	-	265,922.00	-	265,922	-	0.0000%	-	-	-
Fifty Six (F)	01301-DWSRF-F	8/30/2021	813,012.46	203,629.46	-	609,383.00	-	-	-	-	0.0000%	-	-	-
Reed (PF) - DV Eligible	01273-DWSRF-F	10/15/2021	-	-	-	-	675,733.00	-	675,733	-	100.0000%	926,421	880,955	45,466
Omaha (PF) DV Eligible	01175-DWSRF-F	07/15/2020	-	-	-	-	52,305.00	-	-	10.00	32.0000%	272,000	268,820	3,180
Wright-Pastoria (L)	01320-DWSRF-L	12/03/2020	-	-	-	-	-	-	-	-	100.0000%	64,650	62,088	2,562
Lewisville (L)	01161-DWSRF-L	01/27/2021	-	-	-	-	-	-	-	-	100.0000%	3,000,000	3,000,000	-
Wright-Pastoria (L) 2	01324-DWSRF-L	07/15/2021	-	-	-	-	-	-	-	-	100.0000%	500,000	500,000	-
SE Bradley County-DV eligible - Not closed	01242-DWSRF-F	not closed	-	-	-	-	-	-	-	-	100.0000%	505,323	-	505,323
Eudora (PF) - GREEN too not closed DV Eligible	01345-DWSRF-F	not closed	-	-	-	-	-	-	-	-	100.0000%	531,036	-	531,036
CAW #9-West Pulaski (PF)	01342-DWSRF-F	not closed	1,364,381.54	-	-	1,364,381.54	-	-	-	-	0.0000%	-	-	-
20 Grant Totals			2,319,240.00	324,284.46	21,191.00	1,973,764.54	993,960.00	-	993,950	10		5,799,430	4,711,862	1,087,568
Total Add Sub + DV Add Sub			3,313,200.00											
Minimum (Over) / Under														
Maximum (Over) / Under														
												2,319,240	(Discretionary)	
												(3,480,190)		
2021 Cap Grant Requirements (FS98600124 Award date 9/1/2021) - Budget & Project period end 9/30/2025							Grant amount 16,551,000	5,792,850						
14% Minimum Required: \$2,317,140														
Maximum Allowed Disadv of 35%: \$5,792,850														
Project	Loan Number	Loan Closing Date	Add Sub (PF) Allocated	Add Sub (PF) Expensed	De-Obligated Add Sub Funds	Add Sub (PF) Balance	Disadvantaged Community (PF) Min 6%	Add Sub (PF) SDW Allocated-MAX Zero in IUP do not use	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements	GPR Allocated	GPR Expensed	GPR Balance
Reed (PF) - DV Eligible	01273-DWSRF-F	10/15/2021	-	-	(45,466.00)	-	205,222.00	-	205,222.00	-	1.00	226,421.00	-	226,421.00
CAW #9-West Pulaski (PF)	01342-DWSRF-F	not closed	835,618.46	-	-	835,618.46	148,640.00	-	103,835	44,805	0.0000%	-	-	-
Strong (F) ** DV Eligible	#N/A	#N/A	-	-	-	-	-	-	-	-	-	-	-	-
CAW-West Pulaski Service Line Program (PF)	01343-DWSRF-F	not closed	593,683.00	-	-	593,683.00	-	-	-	-	-	-	-	-
Eudora (L) - GREEN not closed	01346-DWSRF-F	not closed	-	-	-	-	-	-	-	-	1.00	543,403.55	-	543,403.55
20 Grant Totals			1,429,301.46	-	(45,466.00)	1,429,301.46	353,862.00	-	309,056.60	44,805.40		769,824.55	-	769,824.55
Total Add Sub + DV Add Sub			1,783,163.46											
Minimum (Over) / Under														
Maximum (Over) / Under														
												1,527,036.54	(Discretionary)	
												4,363,549		
												4,009,687		
2022 Cap Grant Requirements (FS98600125 Award date 11/30/2022) - Budget & Project period end 9/30/26							Grant amount 10,543,000	3,690,050						
14% Minimum Required: \$1,476,020														
Maximum Allowed Disadv of 35%: \$3,690,050														
Project	Loan Number	Loan Closing Date	Add Sub (PF) Allocated	Add Sub (PF) Expensed	De-Obligated Add Sub Funds	Add Sub (PF) Balance	Disadvantaged Community (PF) Min 12%	Add Sub (PF) SDW Allocated-MAX 35%	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements 20% required	GPR Allocated	GPR Expensed	GPR Balance
Strong (F) DV Eligible	#N/A	05/17/2023	-	-	-	-	1,265,160	3690050	-	44,805	0.0000%	-	-	-
CAW #9-West Pulaski (PF)	01342-DWSRF-F	not closed	-	-	-	-	-	-	-	-	0.0000%	-	-	-
CAW-West Pulaski Service Line Program (PF)	01343-DWSRF-F	not closed	606,317.00	-	-	606,317	-	-	-	-	0.0000%	-	-	-
SE Bradley County-DV eligible - Not closed	01242-DWSRF-F	not closed	-	-	-	-	505,323.00	-	-	-	0.0000%	-	-	-
Eudora (PF) - GREEN too not closed DV Eligible	01345-DWSRF-F	not closed	887,838.08	-	-	887,838.08	742,372.46	-	-	-	-	1,099,174.54	-	1,099,174.54
22 Grant Totals			1,494,155	-	-	1,494,155	1,292,500.46	3,690,050	-	1,247,695		1,099,175	-	1,099,175
Total Add Sub + DV Add Sub			(18,135)											
Total Add Sub + DV Add Sub			2,786,656											
Minimum (Over) / Under														
Maximum (Over) / Under														
												(45,476)	(Discretionary)	
												903,394		
												(27,340)		
												903,394		
2022 Cap Bill General Grant Requirements (4D02F23301 Award date 11/30/2022) - Budget & Project period end 9/30/2							Grant amount 27,070,000	13,264,300						
49% Minimum Required: \$13,264,300														
Maximum Allowed Disadv of 49%: \$13,264,300														
Project	Loan Number	Loan Closing Date	Add Sub (PF) Allocated	Add Sub (PF) Expensed	De-Obligated Add Sub Funds	Add Sub (PF) Balance	Disadvantaged Community (PF) Min & Max 49%	Add Sub (PF) SDW Allocated-MAX	Disadvantaged Expensed	Disadvantaged Remaining Balance	Percentage of Project Meeting GPR Requirements 20% required	GPR Allocated	GPR Expensed	GPR Balance
22 Bill General Grant Totals			-	-	-	-	13,264,300	13264300	-	-		-	-	-
Total Add Sub + DV Add Sub			13,264,300											
Minimum (Over) / Under														
Maximum (Over) / Under														
												26,528,600	(Discretionary)	
												13,264,300		
												13,264,300		
												13,264,300		

VII. Appendix B – Financial Statement & Capacity Analysis

Appendix B-1 – Statement of Net Position

STATEMENT OF NET POSITION		
YEARS ENDING JUNE 30, 2022 and June 30, 2023		
	2023	2022
	(UNAUDITED)	(UNAUDITED)
ASSETS		
<i>Current Assets</i>		
<i>Cash and cash equivalents</i>	109,721,374.00	85,463,977.00
<i>Accrued interest receivable:</i>	455,457.00	54,066.00
<i>Investment</i>	141,242.00	54,066.00
<i>Loans</i>		235,501.00
Accounts receivable:		219,515.00
<i>Borrowers</i>	102,974.00	219,515.00
<i>EPA</i>	425,008.00	314,752.00
<i>Receivable from other fund</i>		
<i>Investments - current portion</i>		
<i>Total Current Assets</i>	110,846,055.00	86,561,392.00
Noncurrent Assets		
<i>Investments - restricted</i>		
<i>Loans receivable - restricted</i>		
<i>Constructon</i>	205,340,027.00	217,810,226.00
<i>NE Arkansas PWA</i>		
<i>Total Noncurrent Assets</i>	205,340,027.00	217,810,226.00
TOTAL ASSETS	316,186,082.00	304,371,618.00
LIABILITIES		
<i>Current Liabilities</i>		
Accounts payable	613,707.00	443,016.00
Payable to other fund		
Accrued interest payable	-	-
Bonds payable-current portion	-	-
<i>Total Current Liabilities</i>	613,707.00	443,016.00
Noncurrent Liabilities		
Bonds payable-net of unamortized premiums	-	-
<i>Total Noncurrent Liabilities</i>	-	-
TOTAL LIABILITIES	613,707.00	443,016.00
Net Position		
Restricted by bond resolution and program administration	315,572,375.00	303,928,602.00

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

COMBINING STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION		
YEARS ENDING JUNE 30, 2022 and June 30, 2023		
	2023	2022
	(UNAUDITED)	(UNAUDITED)
<u>OPERATING REVENUES</u>		
Interest on:		
Investments	\$ 3,605,406	\$ 204,521
Loans	\$ 2,133,260	\$ 2,614,961
Financing fees	\$ 1,725,053	\$ 2,029,750
other income		\$ 1,700
Net depreciation of investments	\$ 104,756	\$ (64,207)
Total Operating Revenues	\$ 7,568,475	\$ 4,786,725
<u>OPERATING EXPENSES</u>		
Program Administration	\$ 214,815	\$ 309,258
Federal financial assistance programs	\$ 283,374	\$ 5,798,084
Bond Interest	\$ -	
Amortization of bond premiums	\$ -	
Total Operating Expenses	\$ 7,070,286	\$ (1,320,614)
<u>OPERATING Income (Loss)</u>	\$ 498,189	\$ 6,107,339
<u>NON-OPERATING REVENUE</u>		
Base federal grants	\$ 3,955,359	\$ 14,336,541
<u>INCOME BEFORE TRANSFERS OUT, NET</u>	\$ 11,025,645	\$ 13,015,927
Transfers (Out), Net	\$ 891,708	\$ (3,567,482)
Change in Net Position	\$ 11,917,353	\$ 9,448,445
<u>NET POSITION</u>		
Beginning of year	\$ 303,655,022	\$ 294,206,577
End of year	\$ 315,572,375	\$ 303,655,022

Appendix B-3 – Statement of Cash Flows

STATEMENT OF CASH FLOWS		
YEARS ENDING JUNE 30, 2022 and June 30, 2023		
	2023	2022
	(UNAUDITED)	(UNAUDITED)
<u>OPERATING ACTIVITIES</u>		
Financing fees received	\$ 1,841,593	\$ 1,871,612
Other Income		\$ 1,700
Cash paid for program administration	\$ (186,336)	\$ (299,758)
Net cash provided by operating activities	\$ 1,655,257	\$ 1,573,554
<u>NON-CAPITAL FINANCING ACTIVITIES</u>		
Repayment of long-term debt	\$ -	
Cash paid for interest	\$ -	
Transfer out	\$ 1,033,920	\$ (3,522,574)
Nonoperation grants received	\$ 3,845,103	\$ 14,321,775
Net cash provided by non capital financing activities	\$ 4,879,023	\$ 10,799,201
<u>INVESTING ACTIVITIES</u>		
Interest received on investments	\$ 3,204,015	\$ 159,452
Interest received on loans	\$ 2,227,519	\$ 2,430,296
Principal repayments on loans	\$ 25,946,770	\$ 21,197,658
Loan disbursements	\$ (13,476,570)	\$ (34,747,979)
Federal grant funds expended	\$ (283,374)	\$ (5,798,081)
Proceeds from maturities of Investments	\$ 104,756	\$ (64,207)
Purchase of investments		
Net Cash provided by (used in) investing activities	\$ 17,723,116	\$ (16,822,861)
Increase (Decrease) in Cash and Cash Equivalents	\$ 24,257,396	\$ (4,450,106)
<u>CASH AND CASH EQUIVALENTS:</u>		
Beginning of year	\$ 85,463,977	\$ 89,914,084
End of Year	\$ 109,721,373	\$ 85,463,978
<u>RECONCILIATION OF OPERATING INCOME TO NET CASH</u>		
<u>(Used) IN OPERATING ACTIVITIES:</u>		
Operating Income (Loss)	\$ 7,070,286	\$ (1,320,614)
Items not providing operating activities cash flows:		
Interest on investments	\$ (3,605,406)	\$ (204,521)
Interest on loans	\$ (2,133,260)	\$ (2,614,961)
Bond interest paid	\$ -	\$ -
Amortization of bond premiums	\$ -	\$ -
Net depreciation (appreciation) of investments	\$ (104,756)	\$ 64,207
Federal grants expended	\$ 283,374	\$ 5,798,081
nonon cash federal grant	\$ -	\$ -
Changes in		
Accounts receivable		
Borrowers	\$ 116,540	\$ (158,139)
Receivable from other fund	\$ -	\$ -
Accounts Payable	\$ 28,479	\$ 9,501
Net cash provided by operating activities	\$ 1,655,257	\$ 1,573,554

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%
2021	\$ 337,580,940	\$ 225,714,311	149.56%
2022	\$ 378,127,000	\$ 336,180,300	112.48%
2023	\$ 391,886,944	\$ 427,813,300	91.60%
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%
2021	\$ 415,618,172	\$ 427,634,431	97.19%
2022	\$ 432,164,431	\$ 477,594,702	90.49%
2023	\$ 584,215,970	\$ 546,648,686	106.87%
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%
2021	\$ 337,580,940	\$ 415,618,172	81.22%
2022	\$ 378,127,000	\$ 432,164,431	87.50%
2023	\$ 391,886,944	\$ 584,215,970	67.08%
***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 2023 Drinking Water SRF Capacity Analysis
Scenario - 30.00% Subsidy After FY 2028**

Summary of Projected Program Capacity

Fiscal Year	Loan Funding Sources				Loan Funding Uses					Inflation Adjusted Total New Loans at 2.43%	Cumulative Inflation Adjusted Total New Loans at	(1) Effective Loan Rate	(1) Effective Subsidy
	Bonds Sold	Assumed Bond Rate	Federal Cap Grants	State Match	Revenue Fund Releases	(2) Bond Funded New Loans	Direct Funded Loans	Total New Loans	Cumulative Loans Funded				
2024	36,645,000	3.57%	6,802,000	3,889,400	6,902,531	34,700,000	-	34,700,000	34,700,000	34,700,000	34,700,000	0.73%	78.97%
2025	49,000,000	3.70%	6,002,500	5,810,360	9,745,107	48,265,000	73,185,000	121,450,000	156,150,000	118,266,464	153,266,464	0.73%	79.73%
2026	49,000,000	3.83%	6,002,500	5,810,360	10,402,626	48,265,000	90,535,000	138,800,000	294,950,000	132,287,303	283,553,766	0.73%	80.32%
2027	27,000,000	3.85%	6,002,500	5,810,360	13,424,221	26,595,000	25,455,000	52,050,000	347,000,000	48,429,923	333,983,689	0.73%	80.52%
2028	23,000,000	4.00%	-	-	17,201,611	22,655,000	17,370,493	40,025,493	387,025,493	36,337,503	370,311,191	0.73%	81.23%
2029	11,400,000	4.00%	-	-	17,363,299	11,229,000	17,363,299	28,592,299	415,617,791	25,355,420	395,696,614	1.80%	55.00%
2030	11,400,000	4.12%	-	-	18,431,309	11,229,000	18,431,309	29,660,309	445,278,100	25,678,033	421,374,617	1.91%	53.98%
2031	11,400,000	4.12%	-	-	19,779,499	11,229,000	19,779,499	31,008,499	476,286,599	26,207,837	447,582,484	1.91%	53.98%
2032	11,400,000	4.12%	-	-	20,127,561	11,229,000	20,127,561	31,366,561	507,643,163	25,872,789	473,455,273	1.91%	53.98%
2033	11,400,000	4.15%	-	-	20,809,820	11,229,000	20,809,820	32,038,820	539,681,984	25,808,077	499,263,350	1.91%	53.98%
2034	11,400,000	4.15%	-	-	21,946,548	11,229,000	21,946,548	33,175,548	572,857,532	26,089,249	525,382,600	1.91%	53.98%
2035	11,400,000	4.15%	-	-	22,808,418	11,229,000	22,808,418	34,037,418	606,894,949	26,131,503	551,484,103	1.91%	53.98%
2036	11,400,000	4.15%	-	-	23,297,876	11,229,000	23,297,876	34,526,876	641,421,825	25,877,925	577,362,030	1.91%	53.98%
2037	11,400,000	4.15%	-	-	23,730,325	11,229,000	23,730,325	34,959,325	676,381,151	25,579,942	602,941,973	1.91%	53.98%
2038	11,400,000	4.15%	-	-	24,798,507	11,229,000	24,798,507	36,027,507	712,408,657	25,735,646	628,677,619	1.91%	53.98%
2039	11,400,000	4.15%	-	-	26,073,981	11,229,000	26,073,981	37,302,981	749,711,639	26,014,097	654,691,716	1.91%	53.98%
2040	11,400,000	4.15%	-	-	27,386,631	11,229,000	27,386,631	38,615,831	788,327,469	26,290,264	680,981,979	1.91%	53.98%
2041	11,400,000	4.15%	-	-	28,746,566	11,229,000	28,746,566	40,975,566	828,303,036	26,569,815	707,531,794	1.91%	53.98%
2042	11,400,000	4.15%	-	-	30,308,325	11,229,000	30,308,325	41,537,325	869,840,360	26,952,359	734,504,153	1.91%	53.98%
2043	11,400,000	4.15%	-	-	29,644,915	11,229,000	29,644,915	40,873,915	910,714,275	25,892,193	760,396,366	1.91%	53.98%
TOTAL:	355,645,000		24,809,500	21,320,480	412,928,679	348,915,000	361,799,273	910,714,273		760,396,346			

- (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.

Source of Perpetuity in Final Year:	6/1/2064
To-Date Capitalization to Preserve:	280,092,517
Assumed Future Capitalization:	46,219,980
Total Preservation Requirement:	326,312,497
Equity Fund Balance on 6/1/2064:	326,688,778
Perpetuity Excess (Shortfall):	376,281

Arkansas Development Finance Authority / Arkansas Natural Resources Commission
Preliminary 2023 Drinking Water SRF Capacity Analysis
Federal Cap Grant and State Match Assumptions

Drinking Water

FPY	FY	Admin Fee		Set Aside		Congressional PF		Disadvantage PF		Net Base	Required State Match		
		Base	%	Amount	%	Amount	%	Amount	%	Amount	Available	%	Amount
2022	2023	10,543,000.00	4.00%	(421,720.00)	22.00%	(2,319,460.00)	14.00%	(1,476,020.00)	12.00%	(1,265,160.00)	5,060,640.00	20.00%	2,108,600.00
2023	2024	5,912,000.00	4.00%	(236,480.00)	22.00%	(1,300,640.00)	14.00%	(827,680.00)	35.00%	(2,069,200.00)	1,478,000.00	20.00%	1,182,400.00
2024	2025	3,842,800.00	4.00%	(153,712.00)	22.00%	(845,416.00)	14.00%	(537,992.00)	35.00%	(1,344,980.00)	960,700.00	20.00%	768,560.00
2025	2026	3,842,800.00	4.00%	(153,712.00)	22.00%	(845,416.00)	14.00%	(537,992.00)	35.00%	(1,344,980.00)	960,700.00	20.00%	768,560.00
2026	2027	3,842,800.00	4.00%	(153,712.00)	22.00%	(845,416.00)	14.00%	(537,992.00)	35.00%	(1,344,980.00)	960,700.00	20.00%	768,560.00
		27,983,400.00		(1,119,336.00)		(6,156,348.00)		(3,917,676.00)		(7,369,300.00)	9,420,740.00		5,596,680.00

FPY	FY	Admin Fee		Set Aside		Congressional PF		Disadvantage PF		Net BIT-Gen	Required State Match		
		BIT-Gen	%	Amount	%	Amount	%	Amount	%	Amount	Available	%	Amount
2022	2023	27,070,000.00	4.00%	(1,082,800.00)	27.00%	(7,308,900.00)	0.00%	-	49.00%	(13,264,300.00)	5,414,000.00	10.00%	2,707,000.00
2023	2024	27,070,000.00	4.00%	(1,082,800.00)	27.00%	(7,308,900.00)	0.00%	-	49.00%	(13,264,300.00)	5,414,000.00	10.00%	2,707,000.00
2024	2025	25,209,000.00	4.00%	(1,008,360.00)	27.00%	(6,806,430.00)	0.00%	-	49.00%	(12,352,410.00)	5,041,800.00	20.00%	5,041,800.00
2025	2026	25,209,000.00	4.00%	(1,008,360.00)	27.00%	(6,806,430.00)	0.00%	-	49.00%	(12,352,410.00)	5,041,800.00	20.00%	5,041,800.00
2026	2027	25,209,000.00	4.00%	(1,008,360.00)	27.00%	(6,806,430.00)	0.00%	-	49.00%	(12,352,410.00)	5,041,800.00	20.00%	5,041,800.00
		129,767,000.00		(5,190,680.00)		(35,037,090.00)		-		(63,585,830.00)	25,953,400.00		20,539,400.00

FPY	FY	Base - BIT-Gen Combined	Admin Fee		Set Aside		Congressional PF		Disadvantage PF		Net Base Base + BIT-Gen	Required State Match	
			%	Amount	%	Amount	%	Amount	%	Amount	Available	%	Amount
2022	2023	37,613,000.00	4.00%	(1,504,520.00)	25.60%	(9,628,360.00)	3.92%	(1,476,020.00)	38.63%	(14,529,460.00)	10,474,640.00	12.80%	4,815,600.00
2023	2024	32,982,000.00	4.00%	(1,319,280.00)	26.10%	(8,609,540.00)	2.51%	(827,680.00)	46.49%	(15,333,500.00)	6,892,000.00	11.79%	3,889,400.00
2024	2025	29,051,800.00	4.00%	(1,162,072.00)	26.34%	(7,651,846.00)	1.85%	(537,992.00)	47.15%	(13,697,390.00)	6,002,500.00	20.00%	5,810,360.00
2025	2026	29,051,800.00	4.00%	(1,162,072.00)	26.34%	(7,651,846.00)	1.85%	(537,992.00)	47.15%	(13,697,390.00)	6,002,500.00	20.00%	5,810,360.00
2026	2027	29,051,800.00	4.00%	(1,162,072.00)	26.34%	(7,651,846.00)	1.85%	(537,992.00)	47.15%	(13,697,390.00)	6,002,500.00	20.00%	5,810,360.00
		157,750,400.00		(6,310,016.00)		(41,193,438.00)		(3,917,676.00)		(70,955,130.00)	35,374,140.00		26,136,080.00

Arkansas Development Finance Authority / Arkansas Natural Resources Commission
Preliminary 2023 Drinking Water SRF Capacity Analysis
Scenario - 30.00% Subsidy After FY 2028

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
2024	10,346,808	10,346,808	3,444,277	6,902,531	(6,902,531)	3.00x
2025	14,479,107	14,479,107	4,734,000	9,745,107	(9,745,107)	3.06x
2026	16,928,776	16,928,776	6,526,750	10,402,026	(10,402,026)	2.59x
2027	23,483,100	23,483,100	10,058,879	13,424,221	(13,424,221)	2.33x
2028	29,793,670	29,793,670	12,592,658	17,201,011	(17,201,011)	2.37x
2029	31,435,616	31,435,616	14,072,317	17,363,299	(17,363,299)	2.23x
2030	33,690,756	33,690,756	15,259,447	18,431,309	(18,431,309)	2.21x
2031	34,313,128	34,313,128	14,533,629	19,779,499	(19,779,499)	2.36x
2032	35,330,705	35,330,705	15,203,141	20,127,564	(20,127,564)	2.32x
2033	36,757,223	36,757,223	15,947,402	20,809,820	(20,809,820)	2.30x
2034	38,759,462	38,759,462	16,812,914	21,946,548	(21,946,548)	2.31x
2035	40,412,092	40,412,092	17,603,675	22,808,418	(22,808,418)	2.30x
2036	41,556,062	41,556,062	18,258,186	23,297,876	(23,297,876)	2.28x
2037	42,603,523	42,603,523	18,873,198	23,730,325	(23,730,325)	2.26x
2038	43,719,466	43,719,466	18,920,959	24,798,507	(24,798,507)	2.31x
2039	45,849,202	45,849,202	19,775,220	26,073,981	(26,073,981)	2.32x
2040	48,004,312	48,004,312	20,617,482	27,386,831	(27,386,831)	2.33x
2041	50,204,809	50,204,809	21,458,243	28,746,566	(28,746,566)	2.34x
2042	52,620,829	52,620,829	22,312,505	30,308,325	(30,308,325)	2.36x
2043	52,434,431	52,434,431	22,789,516	29,644,915	(29,644,915)	2.30x
2044	54,855,037	54,855,037	23,083,027	31,772,009	(31,772,009)	2.38x
2045	53,559,331	53,559,331	23,459,939	30,099,392	(30,099,392)	2.28x
2046	51,454,431	51,454,431	23,459,939	27,994,492	(27,994,492)	2.19x
2047	44,898,670	44,898,670	19,949,559	24,949,111	(24,949,111)	2.25x
2048	37,405,633	37,405,633	16,391,780	21,013,853	(21,013,853)	2.28x
2049	34,599,930	34,599,930	14,431,372	20,168,558	(20,168,558)	2.40x
2050	32,204,768	32,204,768	12,738,991	19,465,776	(19,465,776)	2.53x
2051	30,494,216	30,494,216	11,900,159	18,594,056	(18,594,056)	2.56x
2052	28,700,600	28,700,600	11,050,148	17,650,451	(17,650,451)	2.60x
2053	26,825,370	26,825,370	10,200,137	16,625,233	(16,625,233)	2.63x
2054	24,848,014	24,848,014	9,350,125	15,497,889	(15,497,889)	2.66x
2055	22,494,517	22,494,517	8,500,114	13,994,403	(13,994,403)	2.65x
2056	20,483,188	20,483,188	7,650,102	12,833,086	(12,833,086)	2.68x
2057	18,419,607	18,419,607	6,800,091	11,619,516	(11,619,516)	2.71x
2058	16,326,352	16,326,352	5,950,080	10,376,272	(10,376,272)	2.74x
2059	14,206,878	14,206,878	5,100,068	9,106,810	(9,106,810)	2.79x
2060	12,022,644	12,022,644	4,250,057	7,772,587	(7,772,587)	2.83x
2061	9,761,082	9,761,082	3,400,046	6,361,036	(6,361,036)	2.87x
2062	7,419,926	7,419,926	2,550,034	4,869,892	(4,869,892)	2.91x
2063	4,996,333	4,996,333	1,700,023	3,296,311	(3,296,311)	2.94x
2064	2,478,056	2,478,056	850,011	1,628,045	(1,628,045)	2.92x
	<u>1,271,177,661</u>	<u>1,271,177,661</u>	<u>532,560,203</u>	<u>738,617,457</u>	<u>(738,617,457)</u>	

Arkansas Development Finance Authority / Arkansas Natural Resources Commission
Preliminary 2023 Drinking Water SRF Capacity Analysis
Scenario - 30.00% Subsidy After FY 2028

Drinking Water - Revenue Fund

FYE	Existing	<u>Future Pledged Loans</u>		Revenue Fund	Total
	Loan Repayments	Leveraged Repayments	Direct Repayments	Earnings @ 0.00%	Net Revenues for Debt Service
2024	10,346,808	-	-	-	10,346,808
2025	14,218,857	260,250	-	-	14,479,107
2026	14,143,038	2,236,850	548,888	-	16,928,776
2027	14,005,217	4,844,639	4,633,244	-	23,483,100
2028	13,466,960	7,289,902	9,036,808	-	29,793,670
2029	12,386,795	8,697,297	10,351,523	-	31,435,616
2030	12,264,863	9,953,570	11,472,323	-	33,690,756
2031	11,120,341	10,639,468	12,553,319	-	34,313,128
2032	10,313,956	11,320,247	13,696,502	-	35,330,705
2033	9,853,878	12,001,026	14,902,319	-	36,757,223
2034	9,942,036	12,681,805	16,135,621	-	38,759,462
2035	9,630,543	13,362,584	17,418,966	-	40,412,092
2036	8,746,722	14,043,363	18,765,977	-	41,556,062
2037	7,721,253	14,724,141	20,158,128	-	42,603,523
2038	6,735,681	15,404,920	21,578,865	-	43,719,466
2039	6,725,541	16,085,699	23,037,962	-	45,849,202
2040	6,672,056	16,766,478	24,565,779	-	48,004,312
2041	6,585,915	17,447,257	26,171,637	-	50,204,809
2042	6,634,808	18,128,036	27,857,986	-	52,620,829
2043	3,994,987	18,808,814	29,630,629	-	52,434,431
2044	3,909,988	19,489,593	31,455,456	-	54,855,037
2045	916,917	19,955,898	32,686,515	-	53,559,331
2046	686,880	18,081,035	32,686,515	-	51,454,431
2047	693,139	15,473,247	28,732,284	-	44,898,670
2048	699,554	12,865,458	23,840,620	-	37,405,633
2049	706,145	11,428,514	22,465,271	-	34,599,930
2050	473,586	10,204,450	21,526,732	-	32,204,768
2051	478,078	9,530,904	20,485,234	-	30,494,216
2052	482,673	8,850,125	19,367,802	-	28,700,600
2053	487,391	8,169,346	18,168,633	-	26,825,370
2054	411,084	7,488,567	16,948,363	-	24,848,014
2055	-	6,807,788	15,686,729	-	22,494,517
2056	-	6,127,010	14,356,179	-	20,483,188
2057	-	5,446,231	12,973,376	-	18,419,607
2058	-	4,765,452	11,560,900	-	16,326,352
2059	-	4,084,673	10,122,205	-	14,206,878
2060	-	3,403,894	8,618,750	-	12,022,644
2061	-	2,723,115	7,037,966	-	9,761,082
2062	-	2,042,337	5,377,589	-	7,419,926
2063	-	1,361,558	3,634,776	-	4,996,333
2064	-	680,779	1,797,278	-	2,478,056
	<u>205,455,691</u>	<u>403,676,322</u>	<u>662,045,647</u>	-	<u>1,271,177,661</u>

Arkansas Development Finance Authority / Arkansas Natural Resources Commission
Preliminary 2023 Drinking Water SRF Capacity Analysis
Scenario - 30.00% Subsidy After FY 2028

Drinking Water - Equity Fund

FYE	Beginning Balance	Transfers (to)/from Revenue Fund	Interest Earnings @ 0.00%	Future Direct Loan Funding (Pledged)	(1) Net Available Cap Grants & State Match	Ending Balance
2024	103,650,616	6,902,531	-	-	10,781,400	121,334,547
2025	121,334,547	9,745,107	-	(73,185,000)	11,812,860	69,707,514
2026	69,707,514	10,402,026	-	(90,535,000)	11,812,860	1,387,400
2027	1,387,400	13,424,221	-	(25,455,000)	11,812,860	1,169,481
2028	1,169,481	17,201,011	-	(17,370,493)	-	1,000,000
2029	1,000,000	17,363,299	-	(17,363,299)	-	1,000,000
2030	1,000,000	18,431,309	-	(18,431,309)	-	1,000,000
2031	1,000,000	19,779,499	-	(19,779,499)	-	1,000,000
2032	1,000,000	20,127,564	-	(20,127,564)	-	1,000,000
2033	1,000,000	20,809,820	-	(20,809,820)	-	1,000,000
2034	1,000,000	21,946,548	-	(21,946,548)	-	1,000,000
2035	1,000,000	22,808,418	-	(22,808,418)	-	1,000,000
2036	1,000,000	23,297,876	-	(23,297,876)	-	1,000,000
2037	1,000,000	23,730,325	-	(23,730,325)	-	1,000,000
2038	1,000,000	24,798,507	-	(24,798,507)	-	1,000,000
2039	1,000,000	26,073,981	-	(26,073,981)	-	1,000,000
2040	1,000,000	27,386,831	-	(27,386,831)	-	1,000,000
2041	1,000,000	28,746,566	-	(28,746,566)	-	1,000,000
2042	1,000,000	30,308,325	-	(30,308,325)	-	1,000,000
2043	1,000,000	29,644,915	-	(29,644,915)	-	1,000,000
2044	1,000,000	31,772,009	-	-	-	32,772,009
2045	32,772,009	30,099,392	-	-	-	62,871,401
2046	62,871,401	27,994,492	-	-	-	90,865,894
2047	90,865,894	24,949,111	-	-	-	115,815,004
2048	115,815,004	21,013,853	-	-	-	136,828,857
2049	136,828,857	20,168,558	-	-	-	156,997,415
2050	156,997,415	19,465,776	-	-	-	176,463,191
2051	176,463,191	18,594,056	-	-	-	195,057,248
2052	195,057,248	17,650,451	-	-	-	212,707,699
2053	212,707,699	16,625,233	-	-	-	229,332,932
2054	229,332,932	15,497,889	-	-	-	244,830,821
2055	244,830,821	13,994,403	-	-	-	258,825,224
2056	258,825,224	12,833,086	-	-	-	271,658,310
2057	271,658,310	11,619,516	-	-	-	283,277,826
2058	283,277,826	10,376,272	-	-	-	293,654,098
2059	293,654,098	9,106,810	-	-	-	302,760,908
2060	302,760,908	7,772,587	-	-	-	310,533,495
2061	310,533,495	6,361,036	-	-	-	316,894,531
2062	316,894,531	4,869,892	-	-	-	321,764,423
2063	321,764,423	3,296,311	-	-	-	325,060,733
2064	325,060,733	1,628,045	-	-	-	326,688,778
		<u>738,617,457</u>	-	<u>(561,799,275)</u>	<u>46,219,980</u>	

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

Arkansas Development Finance Authority / Arkansas Natural Resources Commission
Preliminary 2023 Drinking Water SRF Capacity Analysis
Scenario - 30.00% Subsidy After FY 2028

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
2024	9,005,820	1,340,988	-	-	9,005,820	1,340,988	10,346,808
2025	12,122,968	2,095,889	-	-	12,122,968	2,095,889	14,218,857
2026	12,160,794	1,982,244	-	-	12,160,794	1,982,244	14,143,038
2027	12,164,801	1,840,416	-	-	12,164,801	1,840,416	14,005,217
2028	11,771,768	1,695,192	-	-	11,771,768	1,695,192	13,466,960
2029	10,828,166	1,558,630	-	-	10,828,166	1,558,630	12,386,795
2030	10,832,780	1,432,083	-	-	10,832,780	1,432,083	12,264,863
2031	9,811,734	1,308,607	-	-	9,811,734	1,308,607	11,120,341
2032	9,126,696	1,187,260	-	-	9,126,696	1,187,260	10,313,956
2033	8,783,527	1,070,351	-	-	8,783,527	1,070,351	9,853,878
2034	8,987,533	954,504	-	-	8,987,533	954,504	9,942,036
2035	8,792,910	837,633	-	-	8,792,910	837,633	9,630,543
2036	8,025,014	721,708	-	-	8,025,014	721,708	8,746,722
2037	7,102,717	618,537	-	-	7,102,717	618,537	7,721,253
2038	6,203,924	531,757	-	-	6,203,924	531,757	6,735,681
2039	6,266,748	458,793	-	-	6,266,748	458,793	6,725,541
2040	6,287,152	384,904	-	-	6,287,152	384,904	6,672,056
2041	6,274,029	311,886	-	-	6,274,029	311,886	6,585,915
2042	6,393,735	241,073	-	-	6,393,735	241,073	6,634,808
2043	3,827,242	167,745	-	-	3,827,242	167,745	3,994,987
2044	3,792,529	117,459	-	-	3,792,529	117,459	3,909,988
2045	841,528	75,389	-	-	841,528	75,389	916,917
2046	622,011	64,869	-	-	622,011	64,869	686,880
2047	637,707	55,432	-	-	637,707	55,432	693,139
2048	653,805	45,749	-	-	653,805	45,749	699,554
2049	670,332	35,813	-	-	670,332	35,813	706,145
2050	446,775	26,811	-	-	446,775	26,811	473,586
2051	456,883	21,195	-	-	456,883	21,195	478,078
2052	467,221	15,452	-	-	467,221	15,452	482,673
2053	477,812	9,579	-	-	477,812	9,579	487,391
2054	407,259	3,825	-	-	407,259	3,825	411,084
2055	-	-	-	-	-	-	-
2056	-	-	-	-	-	-	-
2057	-	-	-	-	-	-	-
2058	-	-	-	-	-	-	-
2059	-	-	-	-	-	-	-
2060	-	-	-	-	-	-	-
2061	-	-	-	-	-	-	-
2062	-	-	-	-	-	-	-
2063	-	-	-	-	-	-	-
2064	-	-	-	-	-	-	-
	184,243,918	21,211,773	-	-	184,243,918	21,211,773	205,455,691

Arkansas Development Finance Authority / Arkansas Nat
Preliminary 2023 Drinking Water SRF Capacity Analysis
Scenario - 30.00% Subsidy After FY 2028

Projected Drinking Water Debt Service

FYE	Existing Drinking Water Debt Service	Future Bond Debt Service	Total Drinking Water Debt Service
2024	-	3,444,277	3,444,277
2025	-	4,734,000	4,734,000
2026	-	6,526,750	6,526,750
2027	-	10,058,879	10,058,879
2028	-	12,592,658	12,592,658
2029	-	14,072,317	14,072,317
2030	-	15,259,447	15,259,447
2031	-	14,533,629	14,533,629
2032	-	15,203,141	15,203,141
2033	-	15,947,402	15,947,402
2034	-	16,812,914	16,812,914
2035	-	17,603,675	17,603,675
2036	-	18,258,186	18,258,186
2037	-	18,873,198	18,873,198
2038	-	18,920,959	18,920,959
2039	-	19,775,220	19,775,220
2040	-	20,617,482	20,617,482
2041	-	21,458,243	21,458,243
2042	-	22,312,505	22,312,505
2043	-	22,789,516	22,789,516
2044	-	23,083,027	23,083,027
2045	-	23,459,939	23,459,939
2046	-	23,459,939	23,459,939
2047	-	19,949,559	19,949,559
2048	-	16,391,780	16,391,780
2049	-	14,431,372	14,431,372
2050	-	12,738,991	12,738,991
2051	-	11,900,159	11,900,159
2052	-	11,050,148	11,050,148
2053	-	10,200,137	10,200,137
2054	-	9,350,125	9,350,125
2055	-	8,500,114	8,500,114
2056	-	7,650,102	7,650,102
2057	-	6,800,091	6,800,091
2058	-	5,950,080	5,950,080
2059	-	5,100,068	5,100,068
2060	-	4,250,057	4,250,057
2061	-	3,400,046	3,400,046
2062	-	2,550,034	2,550,034
2063	-	1,700,023	1,700,023
2064	-	850,011	850,011
	-	532,560,203	532,560,203

Arkansas Development Finance Authority / Arkansas Natural Resources Commission
 Preliminary 2023 Drinking Water SRF Capacity Analysis
 Scenario 30.00% Subsidy After FY 2028

Future Pledged Direct Loans Repayments

Issue Date	Jun 24	Jun 25	Jun 26	Jun 27	Jun 28	Jun 29	Jun 30	Jun 31	Jun 32	Jun 33	Jun 34	Jun 35	Jun 36	Jun 37	Jun 38	Jun 39	Jun 40	Jun 41	Jun 42	Jun 43	Total
Amount	0	72,185,000	90,535,300	25,455,000	17,370,463	17,363,293	18,431,309	19,779,493	20,127,206	23,309,823	21,944,548	22,828,418	23,297,376	23,730,325	24,793,537	25,375,581	27,286,331	28,746,266	30,308,325	29,644,515	561,792,375
Interest Rate	1.75%	1.75%	0.75%	0.75%	0.75%	1.00%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%	1.01%
Interest Start Date	1/20/24	12/1/24	12/01/26	12/01/27	12/01/28	12/1/29	12/01/30	12/1/31	12/01/32	12/1/33	12/01/34	12/1/35	12/01/36	12/1/37	12/01/38	12/1/39	12/01/40	12/01/41	12/01/42	12/01/43	
Payment Period	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Face Maturity Date	05/31/25	06/01/26	06/01/27	06/01/28	05/01/29	06/01/30	06/01/31	06/01/32	06/01/33	06/01/34	06/01/35	06/01/36	06/01/37	06/01/38	06/01/39	06/01/40	06/01/41	06/01/42	06/01/43	06/01/43	
06/01/24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/01/25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/01/26	-	548388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	548388
06/01/27	-	2954252	675,113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,633,244
06/01/28	-	2954252	4,891,563	150,913	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,035,808
06/01/29	-	2954252	4,891,563	1,575,330	130,219	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,351,323
06/01/30	-	2954252	4,891,563	1,575,330	938,529	312,534	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11,474,323
06/01/31	-	2954252	4,891,563	1,575,330	938,529	1,087,493	352,108	-	-	-	-	-	-	-	-	-	-	-	-	-	12,553,319
06/01/32	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	377,783	-	-	-	-	-	-	-	-	-	-	-	-	13,695,302
06/01/33	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	394,926	-	-	-	-	-	-	-	-	-	-	-	14,904,319
06/01/34	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	697,463	-	-	-	-	-	-	-	-	-	-	16,135,621
06/01/35	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	414,179	-	-	-	-	-	-	-	-	-	17,413,966
06/01/36	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	425,641	-	-	-	-	-	-	-	-	18,765,977
06/01/37	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	744,289	-	-	-	-	-	-	-	20,151,128
06/01/38	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	453,249	-	-	-	-	-	-	21,573,265
06/01/39	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	773,661	-	-	-	-	-	23,057,962
06/01/40	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	498,013	-	-	-	-	24,567,779
06/01/41	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	523,096	-	-	-	26,171,657
06/01/42	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	309,159	-	-	27,837,998
06/01/43	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	573,388	-	29,633,629
06/01/44	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	566,218	31,755,156
06/01/45	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/46	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/47	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/48	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/49	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/50	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/51	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/52	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/53	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/54	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/55	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/56	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/57	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/58	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/59	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/60	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/61	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/62	-	2954252	4,891,563	1,575,330	938,529	1,087,493	1,117,422	1,159,169	1,200,000	1,261,634	1,333,350	1,822,802	772,477	1,028,695	1,503,455	1,580,783	660,377	1,742,814	1,837,408	1,959,278	32,685,515
06/01/63	-</																				

Arkansas Development Finance Authority / Arkansas Natural Resources Commission
 Preliminary 2023 Drinking Water SRF Capacity Analysis
 Scenario - 30.00% Subsidy After FY 2028

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

Issue Date	(1)																				Total		
	Jun-24	Jun-25	Jun-26	Jun-27	Jun-28	Jun-29	Jun-30	Jun-31	Jun-32	Jun-33	Jun-34	Jun-35	Jun-36	Jun-37	Jun-38	Jun-39	Jun-40	Jun-41	Jun-42	Jun-43		Jun-44	
Pr Annual	34,731,800	42,285,000	48,265,800	26,595,000	22,855,800	11,229,000	11,229,000	11,229,000	11,229,000	11,229,000	11,229,000	11,229,000	11,229,000	11,229,000	11,229,000	11,229,000	11,229,000	11,229,000	11,229,000	11,229,000	11,229,000	446,915,000	
Interest Rate	1.75%	1.75%	0.75%	0.75%	0.75%	1.80%	1.91%	1.61%	1.91%	1.91%	1.91%	1.91%	1.91%	1.91%	1.91%	1.91%	1.91%	1.91%	1.91%	1.91%	1.91%		
Interest Start	3/01/24	12/1/25	3/01/26	12/01/27	3/01/28	12/01/29	3/01/30	12/01/31	12/01/32	12/01/33	3/01/34	12/01/35	12/01/36	12/01/37	12/01/38	12/01/39	12/01/40	12/01/41	12/01/42	12/01/43	12/01/44		
Term	30	30	30	30	30	30	30	30	30	30	21	30	30	30	30	30	30	30	30	30	30		
Principals Start	09/01/26	06/01/27	06/01/28	06/01/29	09/01/30	06/01/31	06/01/32	06/01/33	06/01/34	06/01/35	06/01/36	06/01/37	06/01/38	06/01/39	06/01/40	06/01/41	06/01/42	06/01/43	06/01/44	06/01/45	06/01/46		
Final Maturity	09/01/45	06/01/46	06/01/47	06/01/48	09/01/49	06/01/50	06/01/51	06/01/52	06/01/53	06/01/54	06/01/55	06/01/56	06/01/57	06/01/58	06/01/59	06/01/60	06/01/61	06/01/62	06/01/63	06/01/64	06/01/65		
FYE	F&I	P&I	F&I	P&I	F&I	P&I	F&I	P&I	F&I	P&I	F&I	P&I	F&I	P&I	F&I	P&I	F&I	P&I	F&I	P&I	F&I	P&I	Total
2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	263,250
2025	260,250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,250,250
2026	1,874,863	2,617,983	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,844,639
2027	1,874,863	2,617,983	911,368	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,287,902
2028	1,874,863	2,617,983	2,637,788	159,463	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,697,397
2029	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	-	69,311	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,953,570
2030	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	203,132	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,632,468
2031	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	673,545	214,474	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11,323,347
2032	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	673,545	483,779	214,474	-	-	-	-	-	-	-	-	-	-	-	-	-	12,011,026
2033	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	673,545	683,779	880,779	214,474	-	-	-	-	-	-	-	-	-	-	-	-	12,681,205
2034	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	673,545	683,779	880,779	880,779	214,474	-	-	-	-	-	-	-	-	-	-	-	13,362,987
2035	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	673,545	683,779	880,779	880,779	880,779	214,474	-	-	-	-	-	-	-	-	-	-	14,044,920
2036	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	673,545	683,779	880,779	880,779	880,779	880,779	214,474	-	-	-	-	-	-	-	-	-	14,728,141
2037	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	673,545	683,779	880,779	880,779	880,779	880,779	880,779	214,474	-	-	-	-	-	-	-	-	15,404,920
2038	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	673,545	683,779	880,779	880,779	880,779	880,779	880,779	880,779	214,474	-	-	-	-	-	-	-	16,085,699
2039	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	673,545	683,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	214,474	-	-	-	-	-	-	16,765,478
2040	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	673,545	683,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	214,474	-	-	-	-	-	17,447,257
2041	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	673,545	683,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	214,474	-	-	-	-	18,129,036
2042	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	673,545	683,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	214,474	-	-	-	18,808,814
2043	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	673,545	683,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	214,474	-	-	19,484,593
2044	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	673,545	683,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	214,474	-	20,164,371
2045	1,874,863	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	673,545	683,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	-	20,844,150
2046	-	2,617,983	2,637,788	2,637,788	1,456,945	1,234,364	673,545	683,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	-	21,523,928
2047	-	-	2,617,988	2,637,788	1,456,945	1,234,364	673,545	683,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	-	22,203,707
2048	-	-	-	2,637,788	1,456,945	1,234,364	673,545	683,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	-	22,883,486
2049	-	-	-	-	1,456,945	1,234,364	673,545	683,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	-	23,563,265
2050	-	-	-	-	-	673,545	683,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	-	24,243,044
2051	-	-	-	-	-	-	683,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	-	24,922,823
2052	-	-	-	-	-	-	-	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	-	25,602,602
2053	-	-	-	-	-	-	-	-	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	-	26,282,381
2054	-	-	-	-	-	-	-	-	-	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	-	26,962,160
2055	-	-	-	-	-	-	-	-	-	-	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	-	27,641,939
2056	-	-	-	-	-	-	-	-	-	-	-	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	-	28,321,718
2057	-	-	-	-	-	-	-	-	-	-	-	-	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	-	29,001,497
2058	-	-	-	-	-	-	-	-	-	-	-	-	-	880,779	880,779	880,779	880,779	880,779	880,779	880,779	880,779	-	29,681,276
2059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	880,779	880,779	880,779	880,779	880,779	880,779	880,779	-	30,361,055
2060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	880,779	880,779	880,779	880,779	880,779	880,779	-	31,040,834
2061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	880,779	880,779	880,779	880,779	880,779	-	31,720,613
2062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	880,779	880,779	880,779	880,779	-	32,400,392
2063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	880,779	880,779	880,779	-	33

VIII. Appendix C – Arkansas Department of Health DWSRF Annual Report

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



**ANNUAL DWSRF REPORT
STATE FISCAL YEAR 2023
(JULY 1, 2022 through JUNE 30, 2023)**

SEPTEMBER 2023

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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), now the Arkansas Department of Agriculture, Natural Resource Division, and the ADH signed an Interagency Memorandum of Agreement (MOA) on administration of the DWSRF grant. Under this MOA, the Department administers the Loan Fund and the Administrative (4 percent) set-aside portions of the DWSRF. ADH Engineering administers the State Program Management (10 percent), Small System Technical Assistance (2 percent), and Local Assistance & Other State Programs (15 percent) set-asides portions of the DWSRF.

The purpose of this document is to present program activity progress and expenditures during State Fiscal Year 2023. 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.

II. STATE PROGRAM MANAGEMENT SET-ASIDE

Section 1452(g)(2) authorizes the State to use up to 10 percent of its capitalization grant in the form of the State Program Management Set-Aside (SPM) for implementing drinking water program related activities. Engineering requested the full amount of State Program Management Set-Aside funds in its SRF-07, SRF-08, SRF-13, SRF-14, SRF-15, SRF-16 and SRF-17 work plans and a portion of the State Program Management Set-Aside in the SRF-09, SRF-10, SRF-12, SRF-18, SRF-19, SRF-20 and SRF-21 work plans. The summary table in Attachment A shows expenditures during SFY 23.

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

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

The Goals and Objectives, Proposed Outputs and Deliverables as outlined in the work plan and the SFY23 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 23 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 – 739 and PNs requested – 596, PN verifications received 207, WAOs – 24; AOs – 13, COs – 13
	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: 8/16/21,11/15/21, 2/15/22, 5/21/22. Dates submitted: 8/16/21, 11/09/21, 2/11/22, 5/10/22. 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	1,452 total plans received, logged, and tracked resulting in 3,142 total review assignments.
		Field Surveillance Staff - Review an estimated 200 plans and specifications	Field Surveillance Staff conducted 2,997 review assignments
		Technical Support Staff – Review an estimated 25 plans and specifications	Tech. Support Staff conducted 145 review assignments
	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.)	196 Sanitary Surveys were completed by Field Surveillance staff. Travel was restricted during part of the year due to Covid-19.
		Complete more than 90% of sanitary surveys that are due in the scheduled year. (An estimated 50 surveys to be completed by Technical Support staff.)	21 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 for a total of > 1,819 hours.

Environmental	Pre-planning for and implementation of new regulations associated with the SDWA.	New EPA/SDWA regulations will be implemented within the prescribed timeframes.	<p>All new rules / requirements are implemented on schedule and generally ahead of schedule.</p> <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 – 16 monitoring plans completed / approved, letters advising systems of DPB results sent to PWSs – 3,620 Stage 1 & Stage 2 compliance status letters. • A total of 49 OEL exceedance notifications were issued and 44 OEL reports were reviewed.
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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 for a total of 3,074 hours.
	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)	Twelve mandatory compliance schools were offered, however two were cancelled due to Covid-19. Thirty exam sessions were conducted and one was 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 new fluoride start-up inspections or schools were necessary to be conducted during this period. We provided technical assistance to six water systems to discuss issues pertaining to their fluoridation systems.

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	SFY23
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.	98.8% of Community Water Systems met all health-based standards during SFY23.
Programmatic	Maintain certified operators at 95% of community PWSs.	96% of Community PWSs maintained operator certification during SFY23.

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

²The 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.

III. SMALL SYSTEM TECHNICAL ASSISTANCE

Section 1452(g)(2) allows the State to use up to 2 percent 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 percent of the funds from the ARRA, SRF-08, SRF-09, SRF-10, SRF-11, SRF-12, SRF-13, SRF-14, SRF-15, SRF-16, & SRF-18, SRF-19, SRF-20 capitalization grants for future use. Engineering reclaimed a total of \$308,820 from SSTA banked funds for use during SFY17 (i.e. \$38,701, \$212,390, \$29,452 and \$28,277 from the DWSRF 98, 99, 01 and 02 Capitalization Grants, respectively). In reclaiming these funds all the SSTA reserved funds for these Capitalization Grants were zeroed or closed out. Additionally, the SRF-07 funds were fully expended during SFY13. For the balance of SFY13, funding for the SSTA contracts was transferred to the Local Assistance

– Capacity Development set-aside.

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

Two technical assistance contracts, both which included provisions for six one-year extensions, were put into place for SFY23. 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 SFY23 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.	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 rule, 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
Activities (Outputs)	Collaborators	SDWA Citation: 1452(g)(2) 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 23 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.)	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 SFY22 the contractors contributed the following: Financial & Managerial (F&M) Total Hours – 1162 Technical & Operational (T&O) Total Hours – 674.75 Details below. <ul style="list-style-type: none"> On-site Technical Assistance (man-hours) F&M – 32.25 T&O – 479.75 Technical Assistance Office Hours F&M – 1088.5 T&O – 50.25 Travel Hours F&M – 41.25 T&O – 144.75

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

Outcome Type	Quantitative Description of Outcome	SFY23
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.

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

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.

IV. LOCAL ASSISTANCE AND OTHER STATE PROGRAMS SET-ASIDE

Section 1452(k) allows the State to use up to 15 percent of its capitalization grant for implementing activities under this set-aside. The State plans to use the funds in two primary program areas: Wellhead Protection (WHP) Program implementation (1452(k)(D)) and Capacity Development Strategy assistance (1452(k)(B)). The State requested the full amount of the Local Assistance and Other State Programs Set-Aside (Wellhead Protection Program & Capacity Development) funds in the EPA approved work plans for SRF07, SRF08, SRF09, SRF10, SRF13, SRF 14, SRF 15, SRF 16, SRF 17, SRF 18, SRF 19, and SRF 20. The State did not elect to take any set-aside funds for the Wellhead Protection Program in the SRF11 or SRF12 work plan, however, did request 10% for Capacity Development in each of these work plans. The table in Attachment A shows the expenditures for SFY23.

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 trothing 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 *Intended Use Plan* 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 23 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 288 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 twelve wells. Recommendations include aquifer determination, construction depth, casing and grouting depths, etc. Additionally, multiple wells were evaluated for aquifer identification for the new SWAP model.
Environmental	WHP protection area delineations for new wells and refinement/update of previous delineations	The ADH staff will delineate 20 wellhead protection areas for new or existing sources (number includes revised delineations where new or better data has become available).	Eight WHPAs were delineated for 6 PWSs and 6 Phase 1 Reports for 8 wells were completed and mailed. The stratigraphic, casing & grout adequacy, rock type weights, and recharge areas were updated for all well sources for inclusion in SWAP model (version 2). Approximately 350 evaluations completed.
Environmental	Collection of field data (e.g.; PSOC locations, wellhead locations, well construction features, etc.) for input into the GIS system	The ADH staff will assist PWSs in conducting and/or updating 30 contaminant source surveys and complete Phase II WHP reports. An estimated 4 PSOC inventories will be conducted per year.	Three Phase 2 PSOC inventories were completed & mailed for 3 surface sources. Additionally, 34 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 22 PSOC maps for ARWA to use during field PSOC inventory collection for 3 PWS verifications. ARWA staff were trained to compile PSOC Inventory maps on 8 occasions (1 staff) PSOC inventory maps for ARWAs SWAP. Distributed 16 historical SWAP reports & 26 new reports for review by public water systems. 26 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).	Three new wells were added to the inventory in SFY23. GPS locations were obtained for each. Gathered construction information during plan review process, sanitary surveys, and prep work for WHPA delineations. Estimate 33 updates, corrections, or additions were made in SFY23.

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 408 permits were reviewed and comments made to the permitting agency. A breakdown of permit reviews by permit type follows: NPDES – 150, Land Application – 22, No discharge – 15, Underground Injection Control– 9, Oklahoma NPDES permits – 4, USFS –18, Tech. Review Committee – 56, Oil & Gas permits – 114, ARDOT – 20, and Miscellaneous – 44. An additional 120+ proximity analyses were performed to
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			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.

¹The 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	SFY22
Environmental	50% of community PWSs will have substantially implemented Source Water Protection programs.	431 community PWSs (63%) with a population of 2,050,577 (71.8%) 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.	5 wells added to inventory and at least 3 determinations were made. One additional determination is in progress.
Environmental	50 Source Water Protection Plans prepared or updated.	26 Source Water Protection Plans (new SWAP Reports) for 65 sources for groundwater systems have been developed.

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

SUMMARY

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

Source Water Protection Program staff consisting of 2 geologists and a GIS specialist produced Phase I Reports—delineation of sources--and Phase II Reports—potential sources of contamination (PSOC) inventories. Additionally, staff analyzed hydrologic conditions and provided technical assistance for location of well sites and sanitary construction of proposed new wells, and especially on updating all hydrogeologic inputs into the improved SWAP Reports. Staff provided technical assistance to the water systems as needed, and hydrologic analysis and technical assistance frequently requested by consultants, well drillers, and members of the public. Staff spent time engaged in interagency cooperation with other organizations and agencies interested in wellhead/source water protection, work groups, technical advisory committees at state and national level, updates to the water quality standards, Clean Water Act National Pollutant Discharge Elimination System (NPDES) and no-discharge permitting, Clean Water Act 319 program development, and providing Arkansas Rural Water Association with their PSOC inventory maps and related technical assistance.

Staff compile wellhead protection delineation reports by conducting field visits and verifying well construction and hydrogeologic data, calculating wellhead protection area radii and compiling GIS geodata bases for completion of maps. Staff compile source water protection potential source of contamination reports

by conducting field visits and verifying the location of PSOCs and mapping these inventories within the delineated WHPA and creating GIS geodatabases and ranking of identified risks. Staff work directly with public water systems to implement improved source water protection plans/programs and to meet Substantial Implementation status as defined by Arkansas. Eight PWS received personalized Drinking Water Protection signs. Additionally, revised Source Water Assessment Program Reports and maps for groundwater and surface water systems were completed and distributed.

2. Capacity Development Strategy Assistance

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

Sub-Element/Category: Capacity Development Program

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

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 rule, 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 23 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 36 systems. A combination of 3,369 DBP letters and OEL notifications were mailed to water systems. – ADH staff attend and present sessions at 2 3-day conferences. Twelve District Meetings were attended, as requested. – ADH staff conducted twelve one day compliance training sessions. – Three training sessions was held on cross-connection control policies and procedures. – 5 BPAA meetings were attended.
Environmental	Conduct CCR training.	Conduct five (5) CCR training sessions for an anticipated 70 PWSs	Three training classes were held at District Meetings.
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.	656 out of 677 water systems distributed the 2021 CCRs to customers by July 1, 2022. (The certifications are not due until Oct. 1, 2022, so this number will increase.)

Programmatic	Review, evaluated, and comment, as appropriate, on all CCRs submitted to Engineering	Anticipate 693 systems will be received and reviewed.	CCR staff prepared and delivered 688 2021 CCRs to water systems in SFY2022 and evaluated and reviewed all distribution methods for systems who returned certifications before July 1, 2023.
Environmental	Maintain the current overall compliance with the CCR		656 of 677 water systems CCR certifications were received by Oct. 1, 2021. (96%)
Programmatic	Coordinate AWOP efforts	Provide one FTE to coordinate / conduct 1 CPE and Data Audits at four (4) systems.	<ul style="list-style-type: none"> – Ten staff contributed approximately 2.0 FTEs of time towards coordinating and conducting AWOP activities. – No CPEs or data audits were conducted during this period. – Six surface water systems were surveyed by AWOP staff. – AWOP staff participated in 4 AWOP meetings, – Chlorine dioxide laboratory equipment calibration checks were conducted at 2 systems. – Cross-connection surveys were conducted at 4 water systems.
Programmatic	Provide operator compliance training courses	Provide 12 operator certification courses operators or operators-in- training.	– Twelve mandatory compliance courses were conducted, with the pandemic affecting the number of courses scheduled for the year and one was cancelled.
Programmatic	Publish Quarterly Newsletter	Publish four (4) newsletters and distribute approximately 3600 per quarter	Three 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.

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.

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

Outcome Type	Quantitative Description of Outcome	SFY23
Environmental	To educate/reassure local PWS customers on the quality/safety of their drinking water.	604 water systems certified CCRs were distributed to customers by Oct. 1, 2021. This was a compliance rate of 87.8%. All CCRs are available on the ADH website.
Environmental	Improved distribution water quality provided to the public through cross-connection control program.	Three training sessions was held on cross connection control policies and procedures.
Environmental	Improve water quality through treatment plant optimization efforts.	In addition to other AWOP activities listed above, DBP technical assistance was conducted for 31 water systems.
Environmental	99% of Community and Non-Transient Non-Community water systems will have licensed operators. Goals: 50 courses 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 30 exam sessions, plus on-demand computer-based exams capability that is seeing greater use over time. Additionally, one was cancelled due to Covid-19. The program processed 634 exams, issued 46 Operator in Training certificates, issued 235 new licenses and tracked the renewal of 2,380 operators holding 3,340 active water operator licenses or Operator in Training Certificates.

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

IX. ATTACHMENT A

OVERALL SUMMARY OF EXPENDITURES

Salary Distribution and Effort Summary

2019 Grant Balance

2020 Grant Balance

Grant Timeframes Balance Summary

X. ATTACHMENT B

Summary of Travel Reimbursements State Characters 02, 09

Internal Order ASRB00XX = Wellhead Protection

Internal Order ASRC00XX = State Program Management

Internal Order ASRF00XX = Capacity Development

Attachment A: Salary Distribution and Effort Summary

					Effort			Funding						
Position #	Name	Position Title	Total FTE	Salary (Total)	SRF Set-Asides			Federal				State		
					ASRC SPM (FTE)	ASRB WHP (FTE)	ASRF Cap Dev (FTE)	DWSRF Set-Asides		Other	ASGR General Revenue (FTE)	APWFS Service Fee (FTE)	APLE Plan Review Fee Fund (FTE)	AWHF License Fee (FTE)
								ASRC SPM Cap Dev (FTE)	ASRB WHP (FTE)					
Technical Staff														
22105676	Acuff, Callie	Engineer	1.00	\$56,414	0.43		0.57	1.00						
22105781	Alexander, Gregory	Sr. Env. Health Spec.	1.00	\$47,944	0.19	0.77	0.04			1.00				
22109403	Ansel, Carissa	Env. Health Spec.	0.75	\$29,323	0.71		0.04			0.75				
22105843	Barefield, Travis	Env. Health Spec.	0.15	\$6,515			0.15				0.15			
22110689	Birdsong, Christie	Env. Health Spec.	0.64	\$25,068	0.64			0.64						
22076842	Black, Jackson	Engineer Tech (Intern)	0.04	\$1,374	0.04			0.04						
22105608	Borbely-Kort, Evelyn	Professional Geologist	1.00	\$63,542		0.93	0.07			0.67	0.33			
22107010	Brown, Taylor	Engineer, P.E.	1.00	\$73,107	0.05	0.58	0.37	0.50		0.50				
22163677	Burns, Tanner	Engineer	1.00	\$53,212	0.92		0.08	1.00						
22105470	Chandler, Scottie	Engineer Technician	1.00	\$36,580	1.00							1.00		
22163676	Chatman, Jake	Engineer	1.00	\$54,943	0.90	0.03	0.07	1.00						
22106127	Corder, Craig	Chief Engineer	1.00	\$100,605	0.65		0.35	0.70				0.30		
22105183	Corder, Susan	QA Manager	1.00	\$78,778	0.98		0.02					1.00		
22104518	Dawson, Douglas	Env. Health Spec.	1.00	\$42,655	0.26		0.74	1.00						

22104664	Fitzhugh, Steven	Engineer Technician	1.00	\$42,683	1.00										1.00		
22106157	Foshee, Timothy	Engineer Technician	0.20	\$7,643	0.20										0.20		
22105417	Gephardt, Trent	Sr. Env. Health Spec.	1.00	\$45,449	0.28		0.72	1.00									
22106189	Gernon, Dean	Engineer	1.00	\$54,046	0.74	0.18	0.08								1.00		
22105008	Glewen, Logan	Engineer Technician	0.49	\$18,987	0.36	0.11	0.02			0.43					0.06		
22105701	Greenway, Glenn	Engineer Supervisor	1.00	\$81,266	0.72		0.28	0.50							0.50		
22104936	Gregg Jr, Jack	Env. Health Spec.	1.00	\$45,463	0.48	0.25	0.27	0.50	0.50								
22076818	Harris, Joseph	Engineer Technician	1.00	\$35,092	1.00										1.00		
22105953	Harris, Robert	Engineer, P.E.	1.00	\$71,667	0.95	0.05		1.00									
22109218	Hilborn, Aaron	Engineer Supervisor	1.00	\$80,566	0.05		0.95	1.00									
22106202	Johnson, Steven	Env. Health Spec.	0.09	\$7,696		0.09				0.09							
22106395	Johnson, Thomas	Engineer, P.E.	1.00	\$72,731	0.68		0.32					0.20			0.80		
22105207	Jones, Lance	Director	1.00	\$96,660	0.66	0.05	0.29								1.00		
22106665	Jones, Mark	Env. Health Spec.	1.00	\$43,595	0.37	0.06	0.57					1.00					
22105906	Jones, Trent	Engineer	0.50	\$28,361	0.50			0.50									
22109519	Lee, Teresa	Chief, Technical Sup.	1.00	\$89,189	0.01		0.99								1.00		
22106935	Lee, Kaleb	Engineer Technician	1.00	\$37,882	1.00										1.00		
22110035	Lowe, Vernon	Engineer	0.16	\$9,654	0.13	0.03		0.16									
22105843	Manley, Tyler	Env. Health Spec.	0.16	\$6,261		0.16						0.16					
22110513	McGriff, Ethan	Engineer Technician	0.85	\$33,256	0.85										0.85		
22106838	Michaels, Robin	Env. Health Spec.	1.00	\$45,448	0.88	0.12									1.00		

22105615	Moon, Devin	Env. Health Spec.	1.00	\$38,874	0.95	0.05		1.00							
22105750	Myric, Krista	Env. Health Spec.	0.75	\$29,215			0.75						0.75		
22107118	Nutt, Andrew	ADH Env. Supv	1.00	\$76,138			1.00	1.00							
22163678	Parker, Adam	Engineer	1.00	\$57,871	0.90		0.10	0.50						0.50	
22076817	Parker, Jeffrey	Engineer Technician	0.92	\$35,748	0.92								0.92		
22109403	Pavlovic, Emily	Env. Health Spec.	0.10	\$3,803			0.10		0.10						
22106342	Reaves, Robert	Engineer Supervisor	1.00	\$67,725	0.30	0.11	0.59	0.38			0.62				
22106817	Relic, Becky	Env. Health Spec.	0.85	\$33,122	0.49		0.36		0.85						
22106108	Roberts, Christopher	Engineer Supervisor	1.00	\$60,518	0.40		0.60				0.53			0.47	
22106024	Roberts, Shada	Engineer, P.E.	1.00	\$70,141	1.00			1.00							
22104790	Robertson, Clay	ADH Env. Supv	1.00	\$47,477	1.00								1.00		
22106823	Routh, Darcia	Geology Supervisor	1.00	\$71,961		1.00			1.00						
22106309	Schleiff, Susanna	Env. Health Spec.	0.57	\$22,955	0.57			0.29	0.28						
22109218	Shaw, Andrew	Engineer	0.50	\$27,135	0.17	0.27	0.06				0.50				
22105580	Sohmer, David	Env. Health Spec.	0.55	\$22,861	0.11	0.23	0.21				0.55				
22105489	Starling, Stanley	Env. Health Spec.	1.00	\$44,301	0.40		0.60				1.00				
22105224	Stone, Jeffery	ADH Eng. Director	0.50	\$82,107	0.45		0.05						0.50		
22106157	Summerford, Billy	Engineer Technician	0.15	\$5,706	0.15								0.15		
22105585	Taylor, Dennis	Engineer Supervisor	1.00	\$79,331	0.30	0.70			1.00						
22111755	Thompson Jr., Raymond	Engineer Supervisor	1.00	\$96,991	0.90	0.10						1.00			
22076838	Tran, Brandon	Engineer Tech (Intern)	0.04	\$1,374	0.04			0.04							

221117 55	Wilson, Jack	Env. Health Spec.	1.0 0	\$47,355	0.83		0.17				1.0 0					
221095 19	Youngblood, Stephen	Engineer Supervisor	1.0 0	\$78,037	1.00			1.00								
TOTALS			45. 96	\$2,724,401	28.5 1	5.87	11.58	6.67	9. 58	6.6 7	0.3 3	5.7 1	1.00	15.0 3	0.97	
%								14.51% 20.84%		14. 51 %	0.7 2%	12. 42 %	2.18 %	32. 70%	2.11%	

					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 Dev (FTE)	ASRF Cap Dev (FTE)	ASRB WHP (FTE)	AWPH AWAT ADEQ - PWSS WHP (FTE)	ASGR General Revenue (FTE)	APWF PWS Service Fee (FTE)	APLE Plan Review Fee Fund (FTE)	AWHF License Fees (FTE)
IT Staff															
22106586	Beard, Matthew	Computer Sup.Analyst	1.00	\$45,929	0.62	0.13	0.25				1.00				
22109788	Bradley, David	Software Sup.Analyst	1.00	\$80,942	0.62	0.13	0.25					1.00			
22107058	Hill, Steven	GIS Specialist	1.00	\$62,917			1.00	0.67	0.33						
22104509	Mance, Margaret	Engineer Technician	1.00	\$43,539	0.62	0.13	0.25				0.22	0.78			
22105231	Thompson, Andrew	Systems Analyst	1.00	\$65,587	0.62	0.13	0.25				1.00				
22105749	Treadway, Gregory	Computer Sup.Coord	1.00	\$64,851	0.62	0.13	0.25					1.00			
22111469	Veluvolu, Ramesh	Software Sup.Analyst	1.00	\$57,580	0.62	0.13	0.25					1.00			
22179616	Vestal, Tony	GIS Specialist	0.30	\$19,304	0.19	0.04	0.07	0.30							
TOTALS			7.30	\$440,648	3.91	0.82	2.57	0.97	0.33		2.22		3.78		
Admin. Staff															
22106262	Adrow, Alaana	Admin. Spec II	0.18	\$4,831	0.11	0.02	0.04					0.18			
22076920	Charbonneau, Helen	Admin. Spec II	0.50	\$15,627	0.31	0.07	0.12					0.50			
22105622	Eschbacher, Mollie	Admin. Spec II	0.20	\$5,467	0.13	0.03	0.05			0.09		0.11			
22110895	Fitzhugh, Rachael	Admin. Spec III	0.07	\$2,751	0.04	0.01	0.02					0.07			

22105960	Gaston, Cathy	Admin. Analyst	1.00	\$45,318	0.62	0.13	0.25					1.00			
22105842	Green, Penelope	Admin. Spec III	1.00	\$41,610	0.62	0.13	0.25		0.08			0.92			
22105953	Hampton, Ida	Admin. Spec III	0.50	\$25,373			0.50	0.50							
22106262	Lambert, Marcia	Admin. Spec II	1.00	\$44,632	0.62	0.13	0.25	1.00							
22106262	Lewis, Tauria	Admin. Spec II	0.64	\$17,183	0.40	0.08	0.15		0.64						
22105953	Lynch, Robin	Admin. Spec III	0.18	\$6,843			0.18	0.18							
22111151	Petroff, Rosalyn	Admin. Spec III	1.00	\$42,995	0.62	0.13	0.25				1.00				
22104617	Ross, Shunte'	Human Resource Admin	0.43	\$18,395	0.27	0.06	0.10					0.43			
22105926	Sheard, Makayla	Admin. Spec III	0.04	\$1,232	0.02	0.00	0.02					0.04			
22105907	Speich, Chelcie	Admin. Spec III	0.07	\$3,017	0.04	0.01	0.02					0.07			
22111547	Summons, Sharon	Budget Analyst	1.00	\$48,757	0.62	0.13	0.25					1.00			
TOTALS			7.80	\$324,030	4.43	0.93	2.45	1.68			0.81	1.00	4.32		
Engineering Grand Totals			61.06	\$3,489,079	36.85	7.61	16.60	7.64	11.59	6.67	0.33	8.74	2.00	23.13	0.97

ADH Lab Staff Support for the Drinking Water Program - Funded by Meter Service Fees

Position #	Name	Position Title	Total FTE	Salary (Total)	Effort			Funding						
					SRF Set-Asides			Federal				State		
					ASRC SPM (FTE)	ASRB WHP (FTE)	ASRF Cap Dev (FTE)	ASRC SPM (FTE)	ASRF Cap Dev (%)	ASRB WHP (FTE)	AWPH AD EQ - WHP (FTE)	AWAT PWS (FTE)	ASGR General Revenue (FTE)	APWF PWS Service Fee (FTE)
Lab Staff														

221066 78	Bailey, Laura	Adh Epi. Officer	0.4 0	\$38,424	-	-	-	0.40
221046 46	Biddle, Patricia	Senior Microbiologist	1.0 0	\$49,854	-	-	-	1.00
221052 55	Borst, Erin	Chemist	1.0 0	\$41,854	-	-	-	1.00
221093 80	Colbert, Dionne	Adh Laboratory Manager	1.0 0	\$77,953	-	-	-	1.00
221051 47	Donnerson, Carolyn	Warehouse Specialist	1.0 0	\$36,942	-	-	-	1.00
221060 40	Duke, David	Senior Chemist	1.0 0	\$70,309	-	-	-	1.00
221068 71	Enlow, Karron	Microbiologist	1.0 0	\$47,796	-	-	-	1.00
221108 68	Freres, Mary	Chemist	1.0 0	\$44,954	-	-	-	1.00
221048 60	Fuller, Megan	Chemist	1.0 0	\$42,089	-	-	-	1.00
221067 16	Gulley, Frederick	Laboratory Technician	1.0 0	\$35,163	-	-	-	1.00
221064 74	Henderson, Terri	Senior Chemist	1.0 0	\$69,932	-	-	-	1.00
221054 02	Jefferson, Benjamin	Adh Laboratory Manager	1.0 0	\$76,890	-	-	-	1.00
221055 21	Jordan, Alindria	Adh Laboratory Manager	1.0 0	\$57,775	-	-	-	1.00
221052 99	Linz, Rhonda	Senior Chemist	1.0 0	\$48,205	-	-	-	1.00
221050 48	Madden, Fanchon	Chemist	1.0 0	\$31,950	-	-	-	1.00
221053 03	Madden, Fanchon	Senior Chemist	1.0 0	\$13,197	-	-	-	1.00
221064 49	Mcgee, Charles	Information Systems Coord	1.0 0	\$40,444	-	-	-	1.00
221113 53	Morris, Anderson	Senior Chemist	1.0 0	\$52,167	-	-	-	1.00
221063 36	Nix, Bryan	Laboratory Technician	1.0 0	\$33,268	-	-	-	1.00
221054 62	Parrish, Mark	Senior Chemist	1.0 0	\$69,932	-	-	-	1.00
221067 66	Pledger, Kersten	Microbiologist	1.0 0	\$43,342	-	-	-	1.00
221062 66	Randolph, Debra	Senior Chemist	1.0 0	\$41,810	-	-	-	1.00

221070 00	Rankin, Steven	Senior Chemist	1.0 0	\$70,309	-	-	-	1.00
221053 36	Sheridan, Gregory	Adh Laboratory Manager	1.0 0	\$78,778	-	-	-	1.00
221050 48	Shorter, Jamecia	Chemist	0.1 0	\$3,169	-	-	-	0.10
221053 03	Sims, Audrey	Senior Chemist	1.0 0	\$28,571	-	-	-	1.00
221064 79	Smith, Sandra	Laboratory Technician	1.0 0	\$35,963	-	-	-	1.00
221066 04	Troup, Timothy	Senior Chemist	1.0 0	\$70,309	-	-	-	1.00
221065 63	Tyra, Patsy	Laboratory Technician	1.0 0	\$33,188	-	-	-	1.00
221654 97	Wang, Junzuo	Senior Chemist	1.0 0	\$45,522	-	-	-	1.00
221066 46	Williams, Jayda	Laboratory Technician	0.2 5	\$7,442	-	-	-	0.25
221121 36	Williams, Earnie	Laboratory Technician	1.0 0	\$29,339	-	-	-	1.00
221051 23	Wrightner, Rakara	Senior Microbiologist	1.0 0	\$50,032	-	-	-	1.00
TOTALS			30. 75	\$1,516,87 5	-	-	-	30.75

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

Grant Balances

	SRF 2019 Grant	SFY 21 Balance	July '21	Aug '21	Sept '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Total Expenses for SFY 2022	Balance Ending 6/30/22
State Program	Salaries	\$ 371,310.78	\$ 50,369.11	\$33,370.92	33,470.88	\$ 38,111.42	\$ 37,311.42	\$ 48,383.42	\$ 29,214.96	\$ 26,980.40	\$ 32,121.09	\$ 34,021.47	\$ 35,571.45	\$ 39,139.45	\$ 438,065.99	\$(66,755.21)
	Fringe	\$ 121,804.75	\$ 15,625.04	\$ 12,169.10	\$ 12,192.07	\$ 13,480.84	\$ 13,074.20	\$ 16,401.57	\$ 12,449.60	\$ 11,682.10	\$ 12,963.81	\$ 13,486.05	\$ 13,674.22	\$ 14,700.44	\$ 161,899.04	\$(40,094.29)
	Travel-09	\$2,935.00	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$2,896.74	\$253.08	\$6,084.82	\$(3,149.82)
	Supplies	\$ 264,684.86	\$2,170.00	\$3,538.76	\$343.99	\$603.96	\$1,065.58	\$1,930.88	\$4,091.82	\$ 21,781.79	\$9,683.96	\$ 40,826.69	\$2,544.12	\$ 24,677.33	\$ 113,258.88	\$151,425.98
	Travel-02	\$5,729.94	\$14.00	\$234.89	\$23.00		\$96.32		\$171.33	\$15.87	\$731.81	\$553.38	\$857.21	\$572.53	\$3,270.34	\$2,459.60
	Equipment	\$304,492.00	\$-	\$-			\$-		\$-	\$115,054.66	\$11,928.18	\$ 17,940.36			\$ 144,923.20	\$159,568.80
	Contractual	\$-	\$-	\$-			\$-		\$-						\$-	\$-
	Indirect	\$96,152.34	\$ 13,330.82	\$9,199.08	\$9,223.92	\$ 10,421.64	\$ 10,177.90	\$ 13,086.57	\$8,416.24	\$7,809.83	\$9,107.15	\$9,596.52	\$9,947.63	\$ 10,875.66	\$ 121,192.96	\$(25,040.62)
	Cost Allocation	\$-	\$6,611.40			\$ 31,386.70			\$ 28,846.71			\$ 34,520.59			\$ 101,365.40	\$(101,365.40)
Total for SPM	\$ 1,167,109.67	\$ 88,120.37	\$ 58,512.75	\$ 55,253.86	\$ 94,004.56	\$ 61,725.42	\$ 79,802.44	\$ 83,190.66	\$ 183,324.65	\$ 76,536.00	\$ 150,945.06	\$ 65,491.37	\$ 90,218.49	\$ 1,087,125.63	\$79,984.04	
Small Systems TA	Salaries														\$-	\$-
	Fringe														\$-	\$-
	Travel-09														\$-	\$-
	Travel														\$-	\$-
	Supplies														\$-	\$-
	Equipment														\$-	\$-
	Contractual														\$-	\$-
	Indirect														\$-	\$-
Total for SSTA	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Wellhead Protection	Salaries	\$ 219,699.10	\$ 46,024.21	\$ 28,912.17	\$ 25,014.57	\$ 28,195.73	\$ 28,465.72	\$ 41,998.02	\$ 25,076.88	\$ 24,265.59	\$ 24,381.01				\$ 272,333.90	\$(52,634.80)
	Fringe	\$66,017.01	\$ 14,474.56	\$ 10,773.58	\$ 10,081.61	\$ 11,002.51	\$ 10,874.42	\$ 13,261.38	\$9,783.91	\$9,391.18	\$9,541.68				\$99,184.83	\$(33,167.82)
	Travel-09	\$3,341.00	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-				\$-	\$3,341.00
	Supplies	\$54,297.38	\$-	\$-	\$-	\$930.50	\$1,051.17		\$ 14,491.40						\$16,473.07	\$37,824.31
	Travel-02	\$3,225.64	\$-	\$-	\$85.23		\$-		\$-						\$85.23	\$3,140.41
	Equipment	\$53,101.00	\$-	\$-	\$-		\$-		\$-						\$-	\$53,101.00
	Contractual	\$-	\$-	\$-	\$-		\$-		\$-						\$-	\$-
	Indirect	\$57,714.35	\$ 12,220.75	\$8,016.52	\$7,089.43	\$7,918.04	\$7,946.71	\$ 11,162.40	\$7,041.88	\$6,798.67	\$1,124.05				\$69,318.45	\$(11,604.10)
Total for WHP	\$ 457,395.48	\$ 72,719.52	\$ 47,702.27	\$ 42,270.84	\$ 48,046.78	\$ 48,338.02	\$ 66,421.80	\$ 56,394.07	\$ 40,455.44	\$ 35,046.74	\$-	\$-	\$-	\$ 457,395.48	\$-	
Capacity	Salaries	\$81,095.22	\$ 94,894.59	\$ 62,370.42	\$ 62,320.44	\$700.54									\$ 220,285.99	\$(139,190.77)
	Fringe	\$32,310.24	\$ 28,550.14	\$ 21,828.19	\$ 21,816.69										\$72,195.02	\$(39,884.78)
	Travel-09	\$14,900.00	\$-	\$-	\$-										\$-	\$14,900.00
	Supplies	\$ 226,857.69	\$4,626.09	\$ 55,555.18	\$8,300.87										\$68,482.14	\$158,375.55
	Travel-02	\$1,901.81	\$338.22	\$787.85	\$308.41										\$1,434.48	\$467.33
	Equipment	\$77,560.00	\$-	\$ 132,060.35	\$-										\$ 132,060.35	\$(54,500.35)
	Contractual	\$ 103,807.36	\$-	\$7,195.42	\$746.64										\$7,942.06	\$95,865.30
	Indirect	\$22,907.38	\$ 24,935.84	\$ 17,008.12	\$ 16,995.70										\$58,939.66	\$(36,032.28)
Total for C/D	\$ 561,339.70	\$ 153,344.88	\$ 296,805.53	\$ 110,488.75	\$700.54	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$ 561,339.70	\$-	
Total all Funds	\$ 2,185,844.85	\$ 314,184.77	\$ 403,020.55	\$ 208,013.45	\$ 142,751.88	\$ 110,063.44	\$ 146,224.24	\$ 139,584.73	\$ 223,780.09	\$ 111,582.74	\$ 150,945.06	\$ 65,491.37	\$ 90,218.49	\$ 2,105,860.81	\$79,984.04	

	SRF 2020 Grant	SFY 21 Balance	July '21	Aug '21	Sept '21	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Total Expenses for SFY 2022	Balance Ending 6/30/22
State Program Management	Salaries	\$ 445,923.00													\$-	\$445,923.00
	Fringe	\$ 147,154.00													\$-	\$147,154.00
	Travel-09	\$4,370.00													\$-	\$4,370.00
	Supplies	\$ 182,511.00													\$-	\$182,511.00
	Travel-02	\$2,096.00													\$-	\$2,096.00
	Equipment	\$ 257,764.00													\$-	\$257,764.00
	Contractual	\$-													\$-	\$-
	Indirect	\$ 119,802.00													\$-	\$119,802.00
Cost Allocation	\$-													\$-	\$-	
	Total for SPM	\$ 1,159,620.00	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$1,159,620.00
Small Systems TA	Salaries														\$-	\$-
	Fringe														\$-	\$-
	Travel-09														\$-	\$-
	Supplies														\$-	\$-
	Travel-02														\$-	\$-
	Equipment														\$-	\$-
	Contractual														\$-	\$-
	Indirect														\$-	\$-
Cost Allocation														\$-	\$-	
	Total for SSTA	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Wellhead Protection	Salaries	\$ 475,830.00										\$ 24,929.72	\$ 24,929.69	\$ 24,929.68	\$74,789.09	\$401,040.91
	Fringe	\$ 157,033.00										\$9,702.69	\$9,562.61	\$9,704.73	\$28,970.03	\$128,062.97
	Travel-09	\$6,901.00												\$255.45	\$255.45	\$6,645.55
	Supplies	\$56,385.00												\$87.80	\$87.80	\$56,297.20
	Travel-02	\$2,650.00												\$-	\$-	\$2,650.00
	Equipment	\$1,657.00												\$-	\$-	\$1,657.00
	Contractual	\$-													\$-	\$-
	Indirect	\$ 127,844.00									\$5,728.33	\$6,995.75	\$6,967.44	\$6,996.15	\$26,687.67	\$101,156.33
Cost Allocation	\$-	\$ 18,301.13			\$ 27,409.35			\$ 24,664.87			\$ 34,187.68			\$ 104,563.03	\$(104,563.03)	
	Total for WHP	\$ 828,300.00	\$ 18,301.13	\$-	\$-	\$ 27,409.35	\$-	\$-	\$ 24,664.87	\$-	\$5,728.33	\$ 75,815.84	\$ 41,459.74	\$ 41,973.81	\$ 235,353.07	\$592,946.93
Capacity Development	Salaries	\$ 628,000.00				\$ 61,319.87	\$ 63,120.31	\$ 89,959.80	\$ 59,337.87	\$ 58,115.05	\$ 46,854.28	\$ 48,887.77	\$ 51,052.92	\$ 46,471.38	\$ 525,119.25	\$102,880.75
	Fringe	\$ 207,240.00				\$ 22,164.97	\$ 22,000.40	\$ 27,674.12	\$ 20,467.79	\$ 20,350.60	\$ 18,023.56	\$ 18,541.80	\$ 17,982.43	\$ 17,952.71	\$ 185,158.38	\$22,081.62
	Travel-09	\$11,438.00					\$-		\$-						\$-	\$11,438.00
	Supplies	\$ 195,717.00				\$9,845.38	\$2,954.85	\$ 11,112.62	\$2,080.54	\$349.29	\$5,512.00	\$909.03	\$4,085.34	\$ 16,216.62	\$53,065.67	\$142,651.33
	Travel-02	\$15,047.00				\$157.76	\$13.07	\$160.66	\$881.29		\$12.83			\$553.52	\$1,779.13	\$13,267.87
	Equipment	\$ 207,440.00					\$-		\$-						\$-	\$207,440.00
	Contractual	\$ 223,000.00				\$ 11,819.17	\$-	\$ 17,057.98	\$-	\$ 43,329.01	\$ 13,159.55			\$ 56,394.74	\$ 141,760.45	\$81,239.55
	Indirect	\$ 168,718.00				\$ 17,005.45	\$ 17,194.38	\$ 23,762.05	\$ 16,120.74	\$ 15,850.06	\$ 13,105.32	\$ 13,620.77	\$ 13,945.14	\$ 13,013.67	\$ 143,617.58	\$25,100.42
Cost Allocation	\$-	\$ 10,395.47			\$ 47,648.65			\$ 14,830.22			\$ 11,909.97			\$84,784.31	\$(84,784.31)	
	Total for C/D	\$ 1,656,600.00	\$ 10,395.47	\$-	\$-	\$ 169,961.25	\$ 105,283.01	\$ 169,727.23	\$ 113,718.45	\$ 137,994.01	\$ 96,667.54	\$ 93,869.34	\$ 87,065.83	\$ 150,602.64	\$ 1,135,284.77	\$521,315.23
	Total all Funds	\$ 3,644,520.00	\$ 28,696.60	\$-	\$-	\$ 197,370.60	\$ 105,283.01	\$ 169,727.23	\$ 138,383.32	\$ 137,994.01	\$ 102,395.87	\$ 169,685.18	\$ 128,525.57	\$ 192,576.45	\$ 1,370,637.84	\$2,273,882.16

Gran timeframes

SRF Grant Year	Set-Aside	% of Grant	Total Available	Total Reserved	Total Available to Budget	Total Expended To Date	Remaining Balance	Grant Start Date	Projected Expense Begin Date	Projected Expense End Date	Grant End Date
2017^^^	SPM	10%	\$ 1,261,000	\$(100,000)	\$ 1,361,000	\$ 1,361,000	\$-	10/1/2017	Nov-18	Feb-20	10/1/2021
	TA	2%	\$252,200	\$-	\$252,200	\$252,200	\$-		Jan-18	Sep-18	
	WHP	5%	\$630,500	\$-	\$630,500	\$630,500	\$-		Aug-18	Aug-19	
	Cap Dev	10%	\$ 1,261,000	\$-	\$ 1,261,000	\$ 1,261,000	\$-		Sep-18	Aug-19	
	Total	27.0%	\$ 3,404,700	\$(100,000)	\$ 3,504,700	\$ 3,504,700	\$-		Jan-18	Feb-20	
2018	SPM	8.2%	\$ 1,671,100	\$300,800	\$ 1,370,300	\$ 1,370,300	\$-	10/1/2018	Feb-20	May-21	10/1/2022
	TA	2%	\$334,220	\$334,220	\$-	\$-	\$-		N/A	N/A	
	WHP	5%	\$835,550	\$-	\$835,550	\$835,550	\$-		Aug-19	Dec-20	
	Cap Dev	10%	\$ 1,671,100	\$-	\$ 1,671,100	\$ 1,671,100	\$-		Aug-19	Nov-20	
	Total	25.2%	\$ 4,511,970	\$635,020	\$ 3,876,950	\$ 3,876,950	\$-		Aug-19	Dec-20	
2019	SPM	7.6%	\$ 1,655,500	\$400,000	\$ 1,255,500	\$ 1,175,516	\$79,984	10/1/2019	May-21	Apr-22	10/1/2023
	TA	2%	\$331,100	\$331,100	\$-	\$-	\$-		N/A	N/A	
	WHP	5%	827,750	\$-	\$827,750	\$827,750	\$-		Jan-21	Dec-21	
	Cap Dev	10%	\$ 1,655,500	\$-	\$ 1,655,500	\$ 1,655,500	\$0		Sep-20	Nov-21	
	Total	24.6%	\$ 4,469,850	\$731,100	\$ 3,738,750	\$ 3,658,766	\$79,984		Nov-20	Dec-21	
2020	SPM	7%	\$ 1,656,600	\$496,980	\$ 1,159,620	\$-	\$1,159,620	10/1/2020	Oct-21	Sep-22	10/1/2024
	TA	0%	\$331,320	\$331,320	\$-	\$-	\$-		N/A	N/A	
	WHP	5%	\$828,300	\$-	\$828,300	\$235,353	\$592,947		Dec-21	Nov-22	
	Cap Dev	10%	\$ 1,656,600	\$-	\$ 1,656,600	\$ 1,050,500	\$521,315		Nov-20	Oct-22	
	Total	22%	\$ 4,472,820	\$828,300	\$ 3,644,520	\$ 1,285,853	\$2,273,882		Dec-21	Nov-22	

2021	SPM	7%	\$ 1,655,100	\$496,530	\$ 1,158,570		\$1,158,570	10/1/2021	Oct-22	Sep-23	
	TA	0%	\$331,020	\$331,020	\$-	\$-	\$-		N/A	N/A	
	WHP	5%	\$827,550	\$-	\$827,550		\$827,550		Dec-22	Nov-23	
	Cap Dev	10%	\$ 1,655,100	\$-	\$ 1,655,100		\$1,655,100		Nov-22	Oct-23	
	Total	22%	\$ 4,468,770	\$827,550	\$ 3,641,220	\$-	\$3,641,220		Nov-22	Nov-23	

Balance Totals**	SPM						\$2,398,174		
	TA	Balance Totals are through 6/30/2022.					\$-		
	WHP						\$1,420,497		
	Cap Dev						\$2,176,415		
	Total	\$5,995,086							

Attachment B - Travel Reimbursements Summary

POSITION #	NAME	CH 02	CH 09	INTERNAL CODE	DESCRIPTION
22105676	Acuff, Callie	\$163.01		ASRF	Compliance Course-Centerton
22105676	Acuff, Callie	\$148.46		ASRF	Sanitary Survey
22105676	Acuff, Callie	\$529.54		ASRF	AWOP Quarterly Meeting
22105676	Acuff, Callie		\$168.84	ASRF	AWW-WEA Conference
22105676	Acuff, Callie	\$142.92		ASRF	Compliance Course
22109403	Ansel, Carissa	\$138.98		ASRB	Exam-Centerton
22109403	Ansel, Carissa		\$132.00	ASRB	AWW-WEA Conference
22109403	Ansel, Carissa	\$144.73		ASRB	Exam-Centerton
22109403	Ansel, Carissa	\$131.07		ASRB	Exam-Fayetteville
22163677	Burns, Tanner	\$144.37		ASRF	Sanitary Survey
22163677	Burns, Tanner	\$122.27		ASRF	Sanitary Survey
22106127	Corder, Craig	\$163.66		ASRF	Sanitary Survey-Clinton
22106127	Corder, Craig	\$160.66		ASRF	Tech Assistance
22106817	Davis, Rebecca	\$15.98		ASRF	District Meeting
22104518	Dawson, Doug	\$146.96		ASRC	Sanitary Survey (NWA)
22104518	Dawson, Doug	\$140.57		ASRC	Sanitary Survey
22106189	Gernon, Dean	\$150.54		ASRC	Sanitary Survey/Chlorine Test
22106189	Gernon, Dean	\$305.25		ASRC	District Meeting
22106189	Gernon, Dean	\$12.00		ASRC	District Meeting
22106189	Gernon, Dean	\$126.89		ASRC	Tech Assistance
22106189	Gernon, Dean	\$140.67		ASRC	Sanitary Survey
22106189	Gernon, Dean	\$20.00		ASRC	District Meeting
22106189	Gernon, Dean	\$125.31		ASRC	Sanitary Survey
22106189	Gernon, Dean	\$20.00		ASRC	District Meeting
22106189	Gernon, Dean	\$135.35		ASRC	Sanitary Survey
22106189	Gernon, Dean	\$156.72		ASRC	District Meeting
22104936	Gregg, Jack	\$26.00		ASRC	District Meeting
22104936	Gregg, Jack	\$25.94		ASRF	District Meeting
22104936	Gregg, Jack	\$17.25		ASRF	District Meeting
22104936	Gregg, Jack	\$124.97		ASRF	District Meeting
22104936	Gregg, Jack	\$15.87		ASRF	District Meeting
22104936	Gregg, Jack	\$15.38		ASRF	District Meeting
22104997	Harris, Robert	\$10.71		ASRC	District Meeting
22104997	Harris, Robert	\$115.24		ASRC	District Meeting
22104997	Harris, Robert	\$15.00		ASRC	District Meeting, AWWA-WEA
22104997	Harris, Robert	\$81.12		ASRC	Sanitary Survey
22104997	Harris, Robert	\$10.71		ASRC	Sanitary Survey
22104997	Harris, Robert	\$101.07		ASRC	Sanitary Survey
22104997	Harris, Robert	\$15.00		ASRC	District Meeting
22104997	Harris, Robert	\$96.32		ASRC	District Meeting

POSITION #	NAME	CH 02	CH 09	INTERNAL CODE	DESCRIPTION
21104997	Harris, Robert	\$15.00		ASRF	District Meeting
22106665	Jones, Mark	\$15.00		ASRC	District Meeting
22106665	Jones, Mark	\$128.84		ASRC	Exam Proctor
22105843	Manley, Tyler	\$19.00		ASRC	District Meeting
22105843	Manley, Tyler	\$152.17		ASRC	Sanitary Survey
22105843	Manley, Tyler	\$19.00		ASRC	District Meeting
22105843	Manley, Tyler	\$149.83		ASRC	Sanitary Survey
22105843	Manley, Tyler	\$151.30		ASRC	Sanitary Survey
22105843	Manley, Tyler	\$309.89		ASRC	Sanitary Survey
22105843	Manley, Tyler	\$142.44		ASRC	Sanitary Survey
22105843	Manley, Tyler	\$12.00		ASRC	District Meeting
22105843	Manley, Tyler	\$133.05		ASRC	Tech Assistance
22105843	Manley, Tyler	\$20.00		ASRC	District Meeting
22105750	Myrick, Krista	\$278.76		ASRC	Compliance Course
22105750	Myrick, Krista	\$161.55		ASRC	Compliance Course
22169346	Lee, Teresa	\$144.50		ASRC	LSLR Meeting-Cave Springs
22107118	Nutt, Martin		\$250.00	ASRF	AWW-WEA Conference
22107118	Nutt, Martin	\$159.38		ASRF	Compliance Course
22107118	Nutt, Martin	\$542.89		ASRF	Travel-Augusut & Sept 2021
22107118	Nutt, Martin	\$149.88		ASRF	Compliance Course
22106823	Routh, Darcia		\$255.45	ASRB	AWW-WEA Conference
22106823	Routh, Darcia	\$258.20		ASRB	Conference-Illinois River Watershed
22105489	Starling, Stan	\$23.98		ASRF	District Meeting
22105489	Starling, Stan		\$253.08	ASRF	AWW-WEA Conference
22105489	Starling, Stan	\$18.49		ASRF	District Meeting
22105489	Starling, Stan	\$18.49		ASRF	District Meeting
22105489	Starling, Stan	\$16.49		ASRF	District Meeting
22105489	Starling, Stan	\$20.68		ASRF	District Meeting
22105489	Starling, Stan	\$20.68		ASRF	District Meeting
22105003	Taylor, Dennis	\$18.00		ASRF	District Meeting

OVERALL SUMMARY OF EXPENDITURES AND SALARY SUMMARY

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

