



# STATE OF ARKANSAS



Arkansas Natural Resources Commission  
and

Arkansas Department of Health



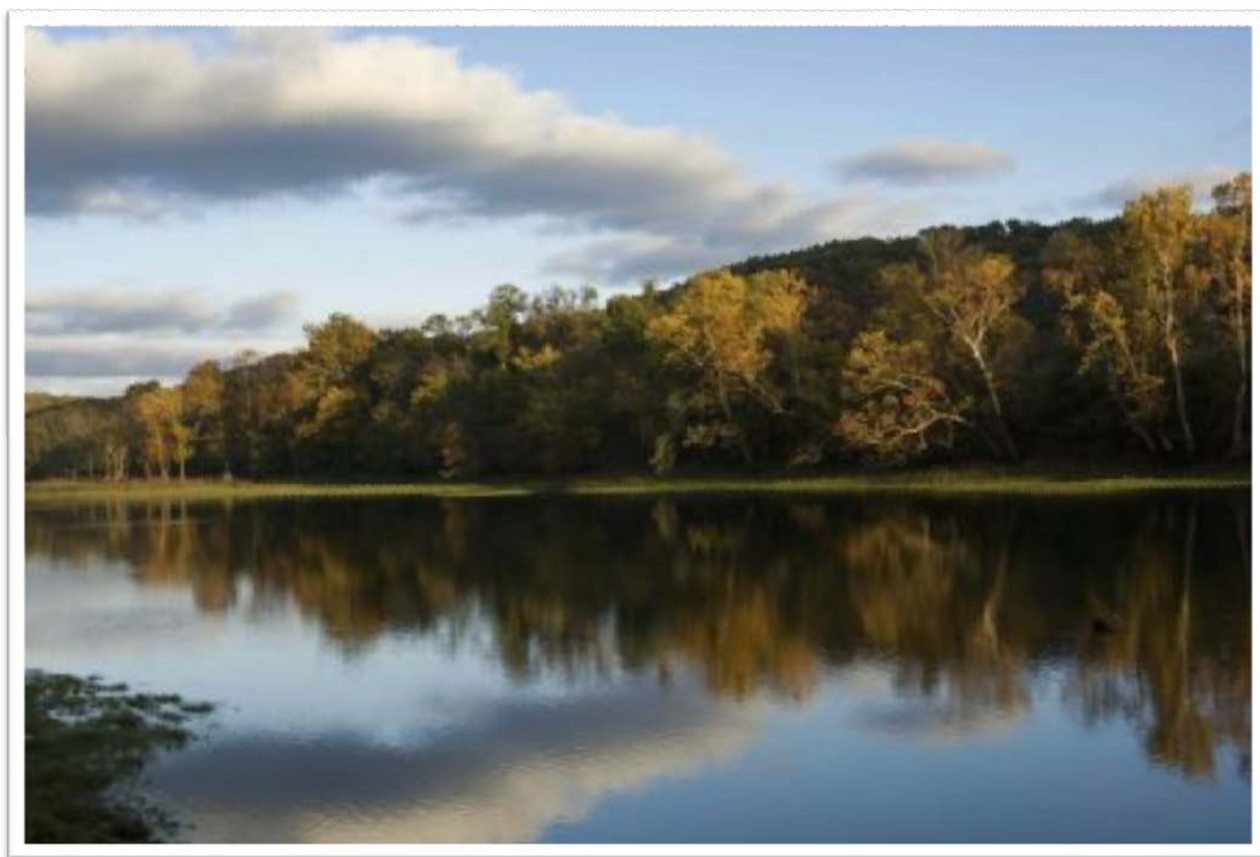
SAFE DRINKING WATER FUND &

STATE REVOLVING LOAN FUND PROGRAM

SFY2016 ANNUAL REPORT

(July 1, 2015 - June 30, 2016)

*Submitted to EPA September 20, 2016*



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## List of Abbreviations

|       |   |
|-------|---|
| AASIS | Arkansas Administrative Statewide Information System            |
| ADFA  | Arkansas Development Finance Authority                          |
| ADH   | Arkansas Department of Health/Division of Health                |
| ANRC  | Arkansas Natural Resources Commission                           |
| CAST  | Center for Advanced Spatial Technology (University of Arkansas) |
| DWSRF | Drinking Water State Revolving Loan Fund - also known as SDWF   |
| EPA   | Environmental Protection Agency                                 |
| FFATA | Federal Funding Accountability and Transparency Act Requirement |
| 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                             |



## Introduction

The State of Arkansas hereby submits its Annual Report for the Drinking Water State Revolving Fund (DWSRF) program for State Fiscal Year (SFY) 2016, July 1, 2015 through June 30, 2016. This report addresses operation of the Drinking Water State Revolving Fund, describes the progress made toward the long and short-term program goals, and details the activities undertaken to reach the goals and objectives set forth in the 2016 Intended Use Plan (IUP).

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

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

Arkansas submitted its SFY 2016 Intended Use Plan to the Environmental Agency (EPA) in June 2015.



## GOALS AND ACCOMPLISHMENTS

### SDWF/DWSRF OVERVIEW:

During SFY 2016, three (3) bond purchase agreements were signed (binding commitments) totaling \$4,000,000. The proceeds from these loans will be used for distribution system improvement projects, and a New Storage Tank and Pump Replacement Project. Loan disbursements for the fiscal year totaled just over \$10.6 million.

In the Intended Use Plan for SFY 2016, the Arkansas Natural Resources Commission discussed its short-term and long-term goals as they relate to the four basic goals for the program. Those goals are:

Goal 1 - to ensure public health protection

Goal 2 - to comply with the Safe Drinking Water Act

Goal 3 – to ensure affordable drinking water

Goal 4 – to maintain the long-term financial health of the Safe Drinking Water Fund

The goals are further broken out into more definitive parts and accomplishments measured as described below.

### A. PROGRESS TOWARD SHORT-TERM GOALS

**a) Arkansas will continue to implement the state source water assessment/protection program (Goals 1 & 2).**

Achievements toward this goal are addressed and reported in the Arkansas Department of Health Annual Report, attached as [Appendix D](#).

**b) Arkansas will continue to implement the state capacity development program strategy at no cost to entities (Goals 1, 2 & 3).**

Achievements toward this goal are addressed and reported in the Arkansas Department of Health Annual Report, attached as [Appendix D](#).

**c) Arkansas will continue to screen projects using the Priority System to assure the Safe Drinking Water Acts overall goals are given priority in the Drinking Water State Revolving Fund program (Goals 1, 2, and 3).**

This is both a short term and a long term goal. Arkansas Department of Health conducts a needs survey and a new priority list is developed annually to assure that projects are identified. Entities listed ahead of the three (3) with binding commitments in this report were ineligible because of an inability to repay, were not ready to proceed, or chose to seek funding from a different source.

**d) Arkansas will continue to implement the State Public Water Supply Supervision plan in conformance with all requirements of the Safe Drinking Water Act.**

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

**e) Arkansas will submit the Intended Use Plan by the deadline with approval expected to follow in SFY2016.**

Arkansas submitted its SFY2016 IUP to the EPA in June 2015.

- f) The Division agrees to comply with all requests for data related to the use of the funds under Section 1452 of the Safe Drinking Water Act (SDWA), and to report all uses of the funds no less than quarterly, as EPA specifies for the Drinking Water Project Benefits Reporting database.**

Arkansas reported all loans for projects with binding commitments in SFY2016 in the Drinking Water Project Benefits Reporting database, and updated the data in a timely matter as information changed.

- g) The Division agrees to provide in its Annual Report information regarding key project characteristics, milestones, and environmental/public health protection results in the following areas: 1) achievement of the outputs and outcomes established in the Intended Use Plan; 2) the reasons for delays if established outputs or outcomes were not met; 3) any additional pertinent information on environmental results.**

Arkansas is providing in this report all of the information regarding key project characteristics, milestones, and environmental/public health protection results in the following areas: 1) achievement of the outputs and outcomes established in the Intended Use Plan; 2) the reasons for delays if established outputs or outcomes were not met; 3) any additional pertinent information on environmental results.

- h) The Division agrees to make a timely and concerted solicitation for projects that address green infrastructure, water or energy efficiency improvements or other environmentally innovative activities.**

Arkansas made timely and concerted solicitation for projects that address green infrastructure, water or energy efficiency improvements or other environmentally innovative activities. Unfortunately none of the projects with binding commitments in SFY16 included green components. Arkansas will continue to solicit projects that include green components for future funding.

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

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

- a) Arkansas will continue to implement the Public Water System Supervision Program in accordance with the requirements of the federal Safe Drinking Water Act and in conformance with its Primacy commitments.**

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

- b) Arkansas will continue to implement the state source water assessment/protection program (Goals 1 & 2), and will continue to implement the state capacity development program strategy at no cost to entities (Goals 1, 2 & 3).**

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

- c) Arkansas will 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 (Goals 1, 2 & 3).**

In SFY 2013 Arkansas made changes to how its Lending Rates will be determined. The Lending Rate is composed of two parts: the interest rate and the servicing fee. The initial objective for Arkansas Natural Resources Commission is to establish a Lending Rate for Drinking Water State Revolving Fund loans at 80% of the current bond market's taxable or tax-exempt rate depending on whether the project qualifies for a taxable or tax-exempt rate.

The Lending Rate will be determined at the time the Borrower is developing the Bond Purchase Agreement and the Bond Ordinance. The Lending Rate is determined using a formula that starts with a published list of daily market interest rates for a series of maturity dates for General Obligation Bonds. Those rates are modified to take into account that the Drinking Water State Revolving Fund is a Revenue Bond program and then the series is converted to an average weighted value. That single rate is then multiplied by 80% to get the Lending Rate. 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. Arkansas varies the Lending Rate in this manner to encourage repayment of the loans as quickly as possible in order for the Drinking Water State Revolving Fund program to fund other projects. The 1% service fee is placed into an account which is outside the Drinking Water State Revolving Fund.

- d) Arkansas will continue to screen projects using the Priority System to assure the Safe Drinking Water Act overall goals are given priority in the Drinking Water State Revolving Fund program (Goals 1, 2 & 3).**

This is both a short term and a long term goal. Arkansas Department of Health conducts a needs survey and a new priority list is developed annually to assure that projects are identified. Entities listed ahead of the three (3) with binding commitments in this report were ineligible because of an inability to repay, were not ready to proceed, or chose to seek funding from a different source.

- e) Arkansas is committed to enhance the Drinking Water State Revolving Fund program by continuing to streamline the application process for the benefit of future generations (Goal 3).**

The Drinking Water State Revolving Fund program is continually being reviewed in terms of future demand, changes in loan terms, Lending Rates, and whether or not demand is such that there is a need to leverage the program. The primary concern is always to provide low cost loans to entities in Arkansas while maximizing the funds available in order to meet the purpose of the Safe Drinking Water Act through the improvement of the State's water infrastructure.

- f) Arkansas will maximize the number of entities meeting the Safe Drinking Water Act requirements by combining the Drinking Water State Revolving Fund program with other State and Federal funding programs.**

Arkansas continues to combine the Drinking Water State Revolving Fund program with other State and Federal funding programs when beneficial. Arkansas was able to fund three (3) loans this year. None of these loans required co-funding with other programs to meet their needs.



**g) Arkansas plans to maintain the fiscal integrity of the Drinking Water State Revolving Fund (Goal 3).**

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

The Drinking Water State Revolving Fund program division has allocated additional subsidization in the form of principal forgiveness to the following entities:

| Project Name      | Additional Subsidization |
|-------------------|--------------------------|
| Bradley (PF)      | 2,997.75                 |
| Chidester #1 (PF) | 39,206.00                |
| Chidester #2 (PF) | 240,436.00               |
| Lockesburg (PF)   | 836,737.00               |
| Old Bella Vista   | 519.27                   |
| Stephens (PF)     | 1,993.89                 |
| Strong (PF)       | 1,296,580.00             |
| Thornton (PF)     | 486,821.00               |
| Wilton (PF)       | 1,451,130.60             |
| <b>Totals:</b>    | <b>\$4,356,421.51</b>    |

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

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

**h) Arkansas is committed to maintaining the fund in perpetuity by protecting the principal that has been and continues to be deposited into the Drinking Water State Revolving Fund program (Goal 4).**

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

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

**i) Arkansas will meet the growing demand for the Drinking Water State Revolving Fund program by leveraging the Fund when the demand exceeds the current revenue streams (Goals 3 & 4).**

Arkansas leverages periodically to increase the funds available for assistance. Arkansas did not leverage the Drinking Water program in State Fiscal Year 2016.

## C. DRINKING WATER STATE REVOLVING FUND LOAN AND SET-ASIDE ACTIVITIES

### a. Sources of Drinking Water State Revolving Funding

| Arkansas Natural Resources Commission              |                                       |
|--|---------------------------------------|
| SDWF Sources and Uses                              |                                       |
| Revolving Loan Fund Only                           |                                       |
|  | July 1, 2015<br>thru<br>June 30, 2016 |
| SOURCES  |                                       |
| RLF Revolving Loan Funds                           | \$ 75,701,392.10                      |
| Federal cap grant funds available:                 |                                       |
| Construction (69%):                                |                                       |
| 2014 Cap Grant                                     | \$ 1,970,018.35                       |
| 2015 Cap Grant                                     | \$ 9,545,950.00                       |
| <b>Sub-Total</b>                                   | <b>\$ 87,217,360.45</b>               |
| <b>Set-asides (31%)</b>                            | <b>Open - Grants 2014-2015</b>        |
| DWSRF Program administration                       | \$ 157,939.16                         |
| State program management (PWSS)                    | \$ 1,633,072.42                       |
| SS Technical assistance                            | \$ -                                  |
| Local assistance and other State programs (WHP+CD) | \$ 3,010,193.36                       |
| <b>Sub-Total</b>                                   | <b>\$ 4,801,204.94</b>                |
| <b>Other Sources:</b>                              |                                       |
| 20% State match contributions                      | \$ 2,689,000.00                       |
| Interest earning on investments                    | \$ 118,370.00                         |
| Interest earning on loans                          | \$ 3,441,059.00                       |
| Principal repayments                               | \$ 8,048,707.00                       |
| <b>Sub-Total</b>                                   | <b>\$ 14,297,136.00</b>               |
| <b>TOTAL SOURCES OF FUNDS</b>                      | <b>\$ 106,315,701.39</b>              |
| USES   |                                       |
| Total Loan Disbursements (Includes State Match)    | \$ 10,763,138.15                      |
| <b>Set-aside Program's Disbursements</b>           |                                       |
| DWSRF Administration                               | \$ 921,220.84                         |
| State Program Management PWSS                      | \$ 1,542,697.20                       |
| SS Technical Assistance                            | \$ -                                  |
| Local Assistance/Other State Programs              | \$ 2,629,904.00                       |
| <b>Total Set-Aside Disbursements</b>               | <b>\$ 5,093,822.04</b>                |
| <b>Drinking Water Leveraged Bond Debt Service</b>  |                                       |
| Principal  | \$ 1,805,000.00                       |
| Interest   | \$ 1,073,967.00                       |
| <b>Resources carried forward to following year</b> | <b>\$ 87,579,774.20</b>               |
| <b>TOTAL USES OF FUNDS</b>                         | <b>\$ 106,315,701.39</b>              |

## **b. Capitalization Grants**

EPA has awarded Arkansas a total of \$219,651,804 in federal capitalization grants through the 2015 cap grant.

## **c. State Match**

Total State Match through SFY2016 is \$ \$43,930,360.85, of which \$2,921,598.61 in state match was paid during SFY16. Arkansas Department of Health provided additional state matching funds for the State Program Management Set-Aside as discussed in the Arkansas Department of Health Annual Report found in [Appendix D](#). The state match can be funded from the Administrative Fees which is outside the RLF and a grant from the State General Obligation Bond Program.

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

The Drinking Water State Revolving Fund was leveraged for the first time in November, 2011. Arkansas leverages periodically to increase the funds available for assistance. Arkansas did not leverage the Drinking Water program in State Fiscal Year 2016.

## **e. Cash Draw Ratio Proportionality**

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

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

Principal loan repayments for Drinking Water State Revolving Funds were \$8,048,707. Also, Drinking Water State Revolving Funds received \$3,441,059; in interest earnings on outstanding loans and \$118,370 in interest earnings on investments.

## **g. Financing Fees**

Effective January 1, 2015, the Lending Rate was 1.5% for a ten year repayment period, 2.50% for a 20 year repayment period, and 3.0% for a thirty year repayment period. The fees are used to pay program expenses and other eligible RLF purposes.

The one percent (1%) financing fee on outstanding principal loan balances produced over \$1.7 million for the state fiscal year (see [Appendix C-3](#), Statement of Cash Flows). These funds are held outside the Fund in the Fees and Administrative Account. Fees at fiscal year-end, funds totaling \$5,575,859.06 were held in the administrative account and were available for program expenses and other eligible RLF purposes.

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

Arkansas Natural Resources Commission used Drinking Water State Revolving Funds to make loan disbursements of \$10,763,138.15 to water projects under construction. Federal funds of \$7,730,811.81 and state funds of \$2,921,598.61 were disbursed to loan recipients.

Program administration and other set-asides expenditures submitted by the Department of Health amounted to \$2,470,695 for the fiscal year.

### **a. Loan Assistance Status**

In this reporting period, Arkansas Natural Resources Commission closed three (3) loans, see [Appendix A](#) for additional details.

### **b. Binding Commitments**

During the year binding commitments totaled \$4,000,000, which increased the adjusted cumulative total to \$262,254,147 (See [Appendix A-1](#)). Consequently, the percentage of actual binding commitments to required binding commitments increased to 137% (See [Appendix B-1](#)) by the end of the fiscal year. Of the three (3) binding commitments made, all three proceeded to loan closing during this fiscal year. The Division has defined the Binding Commitment as the date the Bond Purchase Agreement (BPA) is signed by all parties.

### **c. Projects Bypassed**

Entities listed ahead of the projects funded during SFY2016 were ineligible due to an inability to repay, were not ready to proceed, or chose to seek funding from a different source.

### **d. Small Systems**

Under Section 1452(a)(2) of the 1996 Amendments to the Safe Drinking Water Act (SDWA), fifteen percent (15%) of state loan funds are to be available for loans to small water systems (population less than 10,000). All of the loans closed were obligated as a small system. The cumulative amount of loans to small systems is \$67,446,800; which is 26% of total binding commitments. (See [Appendix A-1](#))

### **e. Disadvantaged Community Systems**

The State's Drinking Water State Revolving Fund program for disadvantaged communities now provides additional subsidies for loans and also has a provision to extend the life of the loan from 20 to 30 years. All three of the loans closed qualified as disadvantaged systems. The cumulative amount of loans to disadvantaged systems is \$121,124,800; which is 46% of total binding commitments. (See [Appendix A-1](#))

### **f. Set-Aside Activity**

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

A total of \$921,221 in annual expenses was paid from the 4% set-aside for Drinking Water State Revolving Fund administration during SFY2016. Reimbursement for expenditures claimed by the

Arkansas Department of Health totaled approximately \$3,472,304 for a total set-aside expenditure of \$5,093,822. (See [Appendix B-2](#)).

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

## **E. FINANCIAL SUMMARY**

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

The accounting firm of BKD, LLP is conducting an independent audit of the Drinking Water State Revolving Fund for SFY2016. GASB Statement No. 34 with its amendments, commonly referred to as the new reporting model, was implemented for year end June 30, 2002. Supplementary information, Management's Discussion and Analysis will be included in the BKD report. An electronic copy of the audit will be provided to EPA when it becomes available.

### **a. Status of Loans**

As of June 30, 2016, the Drinking Water State Revolving Fund has funded a total of \$262,254,147 in binding commitments/loans (See [Appendix A-1](#)). Loans receivable, which constitute the major portion of Drinking Water State Revolving Fund assets, had a year-end balance of \$170,151,657 (See [Appendix C-1](#)). Currently, no delinquent payments have been reported.

### **b. Loan Disbursements**

Arkansas disbursed a total of \$7,730,812 in Federal funds to borrowers during this reporting period. The cumulative amount of Federal funds disbursed for loans is \$219,164,456 (See [Appendix B-4](#)).

### **c. Set-Aside Disbursements**

Set-aside expenses of \$5,093,822 were incurred during the state fiscal year. Arkansas Natural Resources Commission expenses were \$921,221 for program administration and Arkansas Department of Health expenses were \$3,472,304. Funds outside of the RLF are not included in this data.

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

Approximately \$8,048,707 in principal was repaid in SFY2016. No delinquent payments have been reported.

### **e. 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 our loan portfolio is rated AAA.



## **f. Investments**

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

## **g. Environmental Results**

Arkansas' Drinking Water State Revolving Fund Program will satisfy EPA's Strategic Goal 2 for Clean and Safe Water, Objective 2.1 for Protecting Human Health, Sub objective 2.1.1 for Water Safe to drink by relating the activities of the Program to quantifiable environmental results. The following table shows the environmental reviews that were conducted and the results of each review.

| ENTITY         | RESULT |
|----------------|--------|
| Waldo ( L)     | CE     |
| Waldo (F)      | CE     |
| Chidester (PF) | CE     |

## **h. Transfer**

In the SFY2016 Arkansas Intended Use Plan, Arkansas reserved the authority to transfer up to thirty-three percent (33%) of the Drinking Water State Revolving Fund 2015 federal capitalization grant to the 2015 Clean Water State Revolving Fund allotment. These funds would have been transferred from Drinking Water construction to Clean Water construction and would not affect the total amount available for set-asides. Arkansas did not transfer any funds for SFY2016.

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

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

- Establish state instrumentality and authority.
- Comply with applicable state laws and procedures.
- Review technical, financial, and managerial capacity of assistance recipients.
- Establish Drinking Water State Revolving Fund loan account, set-aside account, and SWSRLF 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.

**a. Take Payments Based on Payment Schedule**

Payments have been received from EPA's payment system in accordance with the payment schedule included in the grant awards (See [Appendix B-1](#)).

**b. Deposit State Matching Funds**

Arkansas provided state match in the amount of \$2,689,000 in SFY2016. Arkansas Department of Health describes their state matching funds in the Arkansas Department of Health Annual Report in [Appendix D](#).

**c. Submit Biennial Report and Annual Audit**

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

The SFY2016 annual audit conducted by BKD, LLP, is in progress. A copy of the audit will be provided to EPA when it becomes available.

**d. Assure Borrowers Have a Dedicated Source of Repayment**

Arkansas Natural Resources Commission staff conducts a credit review evaluation for all State Revolving Fund loan applicants. This evaluation determines whether or not an applicant has the ability to repay a loan. For all applicants, the expected revenue stream from user fees must be sufficient to repay the loan, pay operation and maintenance costs, and pay for other necessary expenses.

**e. Use Funds in Timely and Expeditious Manner**

Arkansas has binding commitments for one hundred percent (100%) of all available loan funds through the FY2015 capitalization grant (FS986001-18). Public water systems with binding commitments are moving in an expeditious and timely manner to start construction. Arkansas Natural Resources Commission monitors construction progress through monthly on-site inspections to ensure that operations are initiated according to schedule and funds are drawn in a timely and expeditious manner.

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

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

**g. Arkansas Natural Resources Commissions Fair Share Objectives for SFY2016**

| Type         | MBE    | WBE    |
|--------------|--------|--------|
| Construction | 8.30%  | 11.00% |
| Services     | 13.10% | 20.00% |
| Supplies     | 2.60%  | 8.70%  |
| Equipment    | 2.80%  | 1.10%  |

| QTR   |                 | Cap Grant Amount* | MBE  | %      | WBE  | %      |
|-------|-----------------|-------------------|------|--------|------|--------|
| 1     | Jul - Sept 2015 | \$ 2,866,548.13   | \$ - | 0.000% | \$ - | 0.000% |
| 2     | Oct - Dec 2015  | \$ 1,385,985.60   | \$ - | 0.000% | \$ - | 0.000% |
| 3     | Jan - Mar 2016  | \$ 1,719,618.53   | \$ - | 0.000% | \$ - | 0.000% |
| 4     | Apr - Jun 2016  | \$ 1,758,659.55   | \$ - | 0.000% | \$ - | 0.000% |
| Total |                 | \$ 7,730,811.81   | \$ - | 0.000% | \$ - | 0.000% |

\* Amounts reflect Construction only

Documentation to support the Good Faith Efforts, as defined in 40 CFR, Section 33.301, is closely reviewed by the MBE/WBE Coordinator. All construction project bid packages as well as procurement of professional services, supplies and equipment purchases are closely monitored to determine if the good faith efforts were followed. These documents are maintained in the project files.

**h. Conduct Environmental Reviews**

The public water system projects receiving assistance during SFY2016 were reviewed and approved using the state's environmental review procedures. It was determined that no environmental impact statements were necessary.

# APPENDIX



LOANS CLOSED

**APPENDIX A-1**

**TOTAL DRINKING WATER STATE REVOLVING FUND LOAN CLOSINGS**  
**SFY Ended June 30, 2016**

| NO.   | Project Name<br>Communities<br>Served | Project Description  | Project<br>Number | Bond<br>Purchase<br>Date<br>(B/C Date) | Loan<br>Closing<br>Date | Loan<br>Closing<br>Amount | Additional<br>Subsidy | *Green<br>Project<br>Reserve | Estimated<br>Construction<br>Completion<br>Date | Estimated<br>Disbursement<br>Cut-Off Date | Estimated<br>Loan Maturity<br>Date | Combined<br>Interest<br>Rate | Population<br>Served<br>(Project)         | Categorical<br>Exclusion<br>or<br>FONSI | **Small<br>Systems   | Disadvantaged<br>Community |
|---|---------------------------------------|--|-------------------|--|-------------------------|---------------------------|-----------------------|------------------------------|---|---|------------------------------------|------------------------------|---|---|----------------------|----------------------------|
| 1   | Waldo ( L)                            | Replacement of Existing Water Distribution System<br>System is incurring an average of 39.52% water loss | WRD-003-880       | 08/10/15                               | 09/17/15                | 600,000                   | 0                     | 0                            | 11/20/16  | 10/15/17                                  | 11/20/36                           | 2.50%                        | 748                                       | CE                                      | 600,000              | 600,000                    |
| 2   | Waldo (F)                             | Replacement of Existing Water Distribution System<br>System is incurring an average of 39.52% water loss | WRD-003-880       | 08/10/15                               | 09/17/15                | 2,600,000                 | 2,600,000             | 0                            | 11/20/16  | 10/15/17                                  | 11/20/36                           | 0.00%                        | 748                                       | CE                                      | 2,600,000            | 2,600,000                  |
| 3   | Chidester (PF)                        | New Storage Tank & Pump Replacement Project  | WRD-003-813       | 11/02/15                               | 12/08/15                | 800,000                   | 800,000               | 0                            | 5/31/17   | 10/15/17                                  | 05/31/37                           | 0.00%                        | 466                                       | CE                                      | 800,000              | 800,000                    |
| <b>SECTION 1452 LOANS CLOSED SFY 2016 TOTAL</b>                           |                                       |  |                   |  |                         | <b>\$ 4,000,000</b>       | <b>\$ 3,400,000</b>   | <b>\$ -</b>                  |   |   |                                    |                              | <b>1,962</b>                              |   | <b>\$4,000,000</b>   | <b>\$4,000,000</b>         |
| <b>TOTAL CUM SECTION 1452 LOANS (Binding Commitments through 6/30/15)</b> |                                       |  |                   |  |                         | <b>\$ 258,254,147</b>     |                       |                              |   |   |                                    |                              |   |   | <b>\$ 63,446,800</b> | <b>\$ 117,124,800</b>      |
| <b>TOTAL CUM SECTION 1452 LOANS CLOSED / BINDING COMMITMENTS</b>          |                                       |  |                   |  |                         | <b>\$ 262,254,147</b>     |                       |                              |   |   |                                    |                              |   |   | <b>\$ 67,446,800</b> | <b>\$ 121,124,800</b>      |
|   |                                       |  |                   |  |                         |                           |                       |                              |   |   |                                    |                              | <b>Percentage of Binding Commitments:</b> |   | <b>26%</b>           | <b>46%</b>                 |

\* The green project reserve - meets the Water Efficiency category.

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



# APPENDIX

# B

## REPORTS ON BINDING COMMITMENTS, GRANT PAYMENTS, SET-ASIDES, AND CASH DRAWS

| APPENDIX B-1 SDWF Comparison of Grant Payments, Required Binding Commitments, and Actual 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 12   | 2013 | 1   | SFY13 Q1 | FFY12 Q4 | 2,070,800   | 35,340,361             | 10,354,000                       | 1,703,660  | 8,650,340 | 176,701,804                     | 48,460,971 | 128,240,834 | 0                        | 127,644,689                 |                        | 227,061,347               | 178%               |
| Oct - Dec 12   |      | 2   | SFY13 Q2 | FFY13 Q1 | 645,600     | 35,985,961             | 3,228,000                        | 498,820    | 2,729,180 | 179,929,804                     | 48,959,791 | 130,970,014 | 9,595,245                | 137,239,934                 | 7,131,000              | 234,192,347               | 171%               |
| Jan - Mar 13   |      | 3   | SFY13 Q3 | FFY13 Q2 |             | 35,985,961             |                                  |            | 0         | 179,929,804                     | 48,959,791 | 130,970,014 | 0                        | 137,239,934                 | 3,000,000              | 237,192,347               | 173%               |
| Apr - Jun 13   |      | 4   | SFY13 Q4 | FFY13 Q3 |             | 35,985,961             |                                  |            | 0         | 179,929,804                     | 48,959,791 | 130,970,014 | 15,620,120               | 152,860,054                 | 1,700,000              | 238,892,347               | 156%               |
| Jul - Sep 13   | 2014 | 1   | SFY14 Q1 | FFY13 Q4 | 637,150     | 36,623,111             | 3,185,750                        | 923,868    | 2,261,883 | 183,115,554                     | 49,883,658 | 133,231,896 | 10,721,140               | 163,581,194                 | 1,450,000              | 240,342,347               | 147%               |
| Oct - Dec 13   |      | 2   | SFY14 Q2 | FFY14 Q1 | 637,150     | 37,260,261             | 3,185,750                        | 923,868    | 2,261,882 | 186,301,304                     | 50,807,526 | 135,493,778 | 3,374,780                | 166,955,974                 | 2,380,000              | 242,722,347               | 145%               |
| Jan - Mar 14   |      | 3   | SFY14 Q3 | FFY14 Q2 | 637,150     | 37,897,411             | 3,185,750                        | 923,868    | 2,261,882 | 189,487,054                     | 51,731,394 | 137,755,660 | 0                        | 166,955,974                 |                        | 242,722,347               | 145%               |
| Apr - Jun 14   |      | 4   | SFY14 Q4 | FFY14 Q3 | 637,150     | 38,534,561             | 3,185,750                        | 923,868    | 2,261,882 | 192,672,804                     | 52,655,262 | 140,017,542 | 0                        | 166,955,974                 | 5,000,000              | 247,722,347               | 148%               |
| Jul - Sep 14   | 2015 | 1   | SFY15 Q1 | FFY14 Q4 | 676,700     | 39,211,261             | 3,383,500                        | 981,215    | 2,402,285 | 196,056,304                     | 53,636,477 | 142,419,827 | 2,899,033                | 169,855,007                 |                        | 247,722,347               | 146%               |
| Oct - Dec 14   |      | 2   | SFY15 Q2 | FFY15 Q1 | 676,700     | 39,887,961             | 3,383,500                        | 981,215    | 2,402,285 | 199,439,804                     | 54,617,692 | 144,822,112 | 2,899,032                | 172,754,039                 | 5,331,800              | 253,054,147               | 146%               |
| Jan - Mar 15   |      | 3   | SFY15 Q3 | FFY15 Q2 | 676,700     | 40,564,661             | 3,383,500                        | 981,215    | 2,402,285 | 202,823,304                     | 55,598,907 | 147,224,397 | 2,899,032                | 175,653,071                 |                        | 253,054,147               | 144%               |
| Apr - Jun 15   |      | 4   | SFY15 Q4 | FFY15 Q3 | 676,700     | 41,241,361             | 3,383,500                        | 981,215    | 2,402,285 | 206,206,804                     | 56,580,122 | 149,626,682 | 2,899,032                | 178,552,103                 | 5,200,000              | 258,254,147               | 145%               |
| Jul - Sep 15   | 2016 | 1   | SFY16 Q1 | FFY15 Q4 | 672,250     | 41,913,611             | 3,361,250                        | 974,763    | 2,386,488 | 209,568,054                     | 57,554,885 | 152,013,170 | 3,078,985                | 181,631,088                 | 3,200,000              | 261,454,147               | 144%               |
| Oct - Dec 15   |      | 2   | SFY16 Q2 | FFY16 Q1 | 672,250     | 42,585,861             | 3,361,250                        | 974,763    | 2,386,488 | 212,929,304                     | 58,529,647 | 154,399,657 | 3,078,985                | 184,710,073                 | 800,000                | 262,254,147               | 142%               |
| Jan - Mar 16   |      | 3   | SFY16 Q3 | FFY16 Q2 | 672,250     | 43,258,111             | 3,361,250                        | 974,763    | 2,386,488 | 216,290,554                     | 59,504,410 | 156,786,145 | 3,078,985                | 187,789,058                 |                        | 262,254,147               | 140%               |
| Apr - Jun 16   |      | 4   | SFY16 Q4 | FFY16 Q3 | 672,250     | 43,930,361             | 3,361,250                        | 974,763    | 2,386,488 | 219,651,804                     | 60,479,172 | 159,172,632 | 3,078,985                | 190,868,043                 |                        | 262,254,147               | 137%               |

# APPENDIX B-2 DWSRF Set-Asides

| Federal Grant Year | Total Grant    | Grant Approval Date | 4-Year Deadline | SWAP (WHP & CD Combined) |                               |                |                          | Capacity Development - CD |                               |                |               | WHP          |                               |                |               |
|--------------------|----------------|---------------------|-----------------|--------------------------|-------------------------------|----------------|--------------------------|---------------------------|-------------------------------|----------------|---------------|--------------|-------------------------------|----------------|---------------|
|                    |                |                     |                 | Awarded                  | Expended Inception to 6/30/15 | Expended SFY16 | Amt Available 06/30/2016 | Awarded                   | Expended Inception to 6/30/15 | Expended SFY16 | Amt Available | Awarded      | Expended Inception to 6/30/15 | Expended SFY16 | Amt Available |
| 97                 | \$ 12,558,800  | 09/28/1998          | 09/28/2002      | 1,883,820                | 1,883,820                     |                | 0                        | 0                         |                               |                | 0             |              |                               |                | 0             |
| 98-99              | \$ 20,751,700  | 09/29/1999          | 09/29/2003      | 1,519,830                | 1,519,830                     |                | 0                        | 0                         |                               |                | 0             |              |                               |                | 0             |
| 2000               | \$ 11,036,800  | 05/07/2001          | 05/07/2005      | 1,655,520                | 1,655,520                     |                | 0                        | 0                         |                               |                | 0             |              |                               |                | 0             |
| 2001               | \$ 11,082,400  | 09/20/2002          | 09/20/2006      | 1,662,360                | 1,662,360                     |                | 0                        | 0                         |                               |                | 0             |              |                               |                | 0             |
| 2002               | \$ 8,717,800   | 05/28/2003          | 05/28/2007      | 1,307,670                | 1,307,670                     |                | 0                        | 0                         |                               |                | 0             |              |                               |                | 0             |
| 2003               | \$ 8,665,400   | 09/27/2004          | 09/27/2008      | 906,618                  | 906,618                       |                | 0                        | 0                         |                               |                | 0             |              |                               |                | 0             |
| 2004               | \$ 8,989,100   | 08/18/2005          | 08/18/2009      | 0                        |                               |                | 0                        | 549,796                   | 549,796                       |                | 0             | 539,000      | 539,000                       |                | 0             |
| 2005               | \$ 8,970,100   | 09/18/2006          | 09/18/2010      | 0                        |                               |                | 0                        | 848,884                   | 848,884                       |                | 0             | 496,631      | 496,631                       |                | 0             |
| 2006               | \$ 10,333,200  | 09/18/2007          | 09/18/2011      | 0                        |                               |                | 0                        | 929,988                   | 929,988                       |                | 0             | 619,992      | 619,992                       |                | 0             |
| 2007               | \$ 10,333,000  | 09/11/2008          | 09/11/2012      | 0                        |                               |                | 0                        | 1,033,300                 | 1,033,300                     |                | 0             | 516,650      | 516,650                       |                | 0             |
| 2008               | \$ 10,229,000  | 09/15/2009          | 09/15/2013      | 0                        |                               |                | 0                        | 1,022,900                 | 1,022,900                     |                | 0             | 511,450      | 511,450                       |                | (0)           |
| 2009               | \$ 10,229,000  | 08/30/2010          | 08/30/2014      | 0                        |                               |                | 0                        | 1,022,900                 | 1,022,900                     |                | 0             | 511,450      | 511,450                       |                | 0             |
| 2010               | \$ 20,539,000  | 04/05/2011          | 04/05/2015      | 0                        |                               |                | 0                        | 2,053,900                 | 2,053,900                     |                | 0             | 1,026,950    | 1,026,950                     |                | 0             |
| 2011               | \$ 14,252,000  | 03/14/2012          | 03/14/2016      | 0                        |                               |                | 0                        | 1,425,200                 | 1,425,200                     |                | 0             |              |                               |                | 0             |
| 2012               | \$ 13,582,000  | 05/14/2012          | 05/14/2016      | 0                        |                               |                | 0                        | 1,358,200                 | 1,351,423                     | 6,777          | 0             |              |                               |                | 0             |
| 2013               | \$ 13,582,000  | 05/14/2012          | 05/14/2016      | 0                        |                               |                | 0                        | 1,274,300                 |                               | 1,274,300      | 0             | 637,150      | 324,980                       | 312,170        | 0             |
| 2014               | \$ 13,534,000  | 09/22/2014          | 09/22/2018      | 0                        |                               |                | 0                        | 1,353,400                 |                               | 648,529        | 704,871       | 676,700      |                               | 388,128        | 288,572       |
| 2015               | \$ 13,445,000  | 09/02/2015          | 09/02/2019      | 0                        |                               |                | 0                        | 1,344,500                 |                               |                | 1,344,500     | 672,250      |                               |                | 672,250       |
| Total Available    | \$ 220,830,300 |                     |                 | \$ 8,935,818             | \$ 8,935,818                  | \$ -           | \$ -                     | \$ 14,217,267             | \$ 10,238,290                 | \$ 1,929,606   | \$ 2,049,371  | \$ 6,208,223 | \$ 4,547,103                  | \$ 700,298     | \$ 960,822    |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |
|                    |                |                     |                 |                          |                               |                |                          |                           |                               |                |               |              |                               |                |               |

**Annual Report - Appendix B-3**

| <b>Project Name</b> | <b>Project Number</b> | <b>Loan Number</b>       | <b>Series</b> | <b>FY</b>    | <b>Payment Number</b> | <b>Payment Date</b> | <b>Total Payment</b>  | <b>Federal</b>        | <b>State</b>          | <b>Fees &amp; Expenses Acct</b> | <b>Unrestricted Acct</b> | <b>GPR</b>         | <b>Additional Subsidization</b> |
|---------------------|-----------------------|--------------------------|---------------|--------------|-----------------------|---------------------|-----------------------|-----------------------|-----------------------|---------------------------------|--------------------------|--------------------|---------------------------------|
| Bradley (PF)        | WRD-003-807           | 00900-DWSRF-F            | SRF           | 2016         | 11                    | 20-Sep-15           | \$2,997.75            | \$2,997.75            | \$0.00                | \$0.00                          | \$0.00                   | \$0.00             | \$2,997.75                      |
|                     |                       | <b>Bradley (PF)</b>      |               | <b>Total</b> |                       |                     | <b>\$2,997.75</b>     | <b>\$2,997.75</b>     | <b>\$0.00</b>         | <b>\$0.00</b>                   | <b>\$0.00</b>            | <b>\$0.00</b>      | <b>\$2,997.75</b>               |
| Chidester #1 (PF)   | WRD-003-813           | 00907-DWSRF-F            | SRF           | 2016         | 12                    | 24-Aug-15           | \$3,000.00            | \$3,000.00            | \$0.00                | \$0.00                          | \$0.00                   | \$2,878.24         | \$3,000.00                      |
| Chidester #1 (PF)   | WRD-003-813           | 00907-DWSRF-F            | SRF           | 2016         | 13                    | 27-May-16           | \$17,913.00           | \$17,913.00           | \$0.00                | \$0.00                          | \$0.00                   | \$17,185.96        | \$17,913.00                     |
| Chidester #1 (PF)   | WRD-003-813           | 00907-DWSRF-F            | SRF           | 2016         | 14                    | 27-Jun-16           | \$18,293.00           | \$18,293.00           | \$0.00                | \$0.00                          | \$0.00                   | \$17,550.54        | \$18,293.00                     |
|                     |                       | <b>Chidester #1 (PF)</b> |               | <b>Total</b> |                       |                     | <b>\$39,206.00</b>    | <b>\$39,206.00</b>    | <b>\$0.00</b>         | <b>\$0.00</b>                   | <b>\$0.00</b>            | <b>\$37,614.74</b> | <b>\$39,206.00</b>              |
| Chidester #2 (PF)   | WRD-003-813           | 00955-DWSRF-F            | SRF           | 2016         | 1                     | 08-Dec-15           | \$95,375.00           | \$95,375.00           | \$0.00                | \$0.00                          | \$0.00                   | \$0.00             | \$95,375.00                     |
| Chidester #2 (PF)   | WRD-003-813           | 00955-DWSRF-F            | SRF           | 2016         | 2                     | 20-Apr-16           | \$5,000.00            | \$5,000.00            | \$0.00                | \$0.00                          | \$0.00                   | \$0.00             | \$5,000.00                      |
| Chidester #2 (PF)   | WRD-003-813           | 00955-DWSRF-F            | SRF           | 2016         | 4                     | 27-Jun-16           | \$140,061.00          | \$140,061.00          | \$0.00                | \$0.00                          | \$0.00                   | \$0.00             | \$140,061.00                    |
|                     |                       | <b>Chidester #2 (PF)</b> |               | <b>Total</b> |                       |                     | <b>\$240,436.00</b>   | <b>\$240,436.00</b>   | <b>\$0.00</b>         | <b>\$0.00</b>                   | <b>\$0.00</b>            | <b>\$0.00</b>      | <b>\$240,436.00</b>             |
| Clinton             | WRD-003-855           | 00958-DWSRF-L            | SRF           | 2016         | 9                     | 23-Jul-15           | \$478,840.00          | \$327,241.39          | \$151,598.61          | \$0.00                          | \$0.00                   | \$0.00             | \$0.00                          |
| Clinton             | WRD-003-855           | 00958-DWSRF-L            | SRF           | 2016         | 10                    | 24-Aug-15           | \$924,615.00          | \$476,582.00          | \$448,033.00          | \$0.00                          | \$0.00                   | \$0.00             | \$0.00                          |
| Clinton             | WRD-003-855           | 00958-DWSRF-L            | SRF           | 2016         | 11                    | 20-Sep-15           | \$94,765.00           | \$94,764.83           | \$0.00                | \$0.00                          | \$0.17                   | \$0.00             | \$0.00                          |
| Clinton             | WRD-003-855           | 00958-DWSRF-L            | SRF           | 2016         | CAP I                 | 27-Oct-15           | \$14,802.81           | \$0.00                | \$14,802.81           | \$0.00                          | \$0.00                   | \$0.00             | \$0.00                          |
| Clinton             | WRD-003-855           | 00958-DWSRF-L            | SRF           | 2016         | 13                    | 30-Nov-15           | \$108,003.00          | \$108,003.00          | \$0.00                | \$0.00                          | \$0.00                   | \$0.00             | \$0.00                          |
| Clinton             | WRD-003-855           | 00958-DWSRF-L            | SRF           | 2016         | 14                    | 29-Dec-15           | \$70,327.00           | \$0.00                | \$70,327.00           | \$0.00                          | \$0.00                   | \$0.00             | \$0.00                          |
| Clinton             | WRD-003-855           | 00958-DWSRF-L            | SRF           | 2016         | 15                    | 28-Jan-16           | \$52,977.00           | \$41,210.53           | \$11,766.47           | \$0.00                          | \$0.00                   | \$0.00             | \$0.00                          |
| Clinton             | WRD-003-855           | 00958-DWSRF-L            | SRF           | 2016         | 16                    | 24-Feb-16           | \$144,971.00          | \$0.00                | \$144,971.00          | \$0.00                          | \$0.00                   | \$0.00             | \$0.00                          |
| Clinton             | WRD-003-855           | 00958-DWSRF-L            | SRF           | 2016         | 17                    | 23-Mar-16           | \$246,123.00          | \$54,665.00           | \$191,458.00          | \$0.00                          | \$0.00                   | \$0.00             | \$0.00                          |
| Clinton             | WRD-003-855           | 00958-DWSRF-L            | SRF           | 2016         | Cap-I (18)            | 20-Apr-16           | \$33,869.03           | \$33,869.03           | \$0.00                | \$0.00                          | \$0.00                   | \$0.00             | \$0.00                          |
| Clinton             | WRD-003-855           | 00958-DWSRF-L            | SRF           | 2016         | 18                    | 25-Apr-16           | \$81,377.00           | \$81,377.00           | \$0.00                | \$0.00                          | \$0.00                   | \$0.00             | \$0.00                          |
| Clinton             | WRD-003-855           | 00958-DWSRF-L            | SRF           | 2016         | 19                    | 27-May-16           | \$118,229.00          | \$118,229.00          | \$0.00                | \$0.00                          | \$0.00                   | \$0.00             | \$0.00                          |
| Clinton             | WRD-003-855           | 00958-DWSRF-L            | SRF           | 2016         | 19                    | 27-Jun-16           | \$21,823.77           | \$21,823.77           | \$0.00                | \$0.00                          | \$0.00                   | \$0.00             | \$0.00                          |
|                     |                       | <b>Clinton</b>           |               | <b>Total</b> |                       |                     | <b>\$2,390,722.61</b> | <b>\$1,357,765.55</b> | <b>\$1,032,956.89</b> | <b>\$0.00</b>                   | <b>\$0.17</b>            | <b>\$0.00</b>      | <b>\$0.00</b>                   |
| Jacksonville        | WRD-003-727           | 00798-DWSRF-L            | SRF           | 2016         | 41                    | 24-Aug-15           | \$224,217.00          | \$0.00                | \$224,217.00          | \$0.00                          | \$0.00                   | \$0.00             | \$0.00                          |
| Jacksonville        | WRD-003-727           | 00798-DWSRF-L            | SRF           | 2016         | 42                    | 20-Sep-15           | \$345,472.00          | \$345,472.00          | \$0.00                | \$0.00                          | \$0.00                   | \$0.00             | \$0.00                          |
| Jacksonville        | WRD-003-727           | 00798-DWSRF-L            | SRF           | 2016         | 43                    | 27-Oct-15           | \$206,846.00          | \$0.00                | \$206,846.00          | \$0.00                          | \$0.00                   | \$0.00             | \$0.00                          |

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| Project Name    | Project Number | Loan Number            | Series | FY           | Payment Number | Payment Date | Total Payment         | Federal             | State               | Fees & Expenses Acct | Unrestricted Acct   | GPR                 | Additional Subsidization |
|-----------------|----------------|------------------------|--------|--------------|----------------|--------------|-----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|--------------------------|
| Jacksonville    | WRD-003-727    | 00798-DWSRF-L          | SRF    | 2016         | 44             | 29-Dec-15    | \$44,661.00           | \$0.00              | \$44,661.00         | \$0.00               | \$0.00              | \$0.00              | \$0.00                   |
| Jacksonville    | WRD-003-727    | 00798-DWSRF-L          | SRF    | 2016         | 45             | 22-Mar-16    | \$164,279.00          | \$0.00              | \$164,279.00        | \$0.00               | \$0.00              | \$0.00              | \$0.00                   |
| Jacksonville    | WRD-003-727    | 00798-DWSRF-L          | SRF    | 2016         | 46             | 20-Apr-16    | \$71,469.00           | \$71,469.00         | \$0.00              | \$0.00               | \$0.00              | \$0.00              | \$0.00                   |
| Jacksonville    | WRD-003-727    | 00798-DWSRF-L          | SRF    | 2016         | 47             | 09-Jun-16    | \$8,291.00            | \$8,291.00          | \$0.00              | \$0.00               | \$0.00              | \$0.00              | \$0.00                   |
|                 |                | <b>Jacksonville</b>    |        | <b>Total</b> |                |              | <b>\$1,065,235.00</b> | <b>\$425,232.00</b> | <b>\$640,003.00</b> | <b>\$0.00</b>        | <b>\$0.00</b>       | <b>\$0.00</b>       | <b>\$0.00</b>            |
| Lockesburg (PF) | WRD-003-856    | 00960-DWSRF-F          | SRF    | 2016         | 4              | 23-Jul-15    | \$99,443.00           | \$99,443.00         | \$0.00              | \$0.00               | \$0.00              | \$95,732.48         | \$99,443.00              |
| Lockesburg (PF) | WRD-003-856    | 00960-DWSRF-F          | SRF    | 2016         | 5              | 24-Aug-15    | \$129,915.00          | \$129,915.00        | \$0.00              | \$0.00               | \$0.00              | \$125,067.48        | \$129,915.00             |
| Lockesburg (PF) | WRD-003-856    | 00960-DWSRF-F          | SRF    | 2016         | 6              | 20-Sep-15    | \$134,774.00          | \$134,774.00        | \$0.00              | \$0.00               | \$0.00              | \$129,745.18        | \$134,774.00             |
| Lockesburg (PF) | WRD-003-856    | 00960-DWSRF-F          | SRF    | 2016         | 7              | 27-Oct-15    | \$117,969.00          | \$117,969.00        | \$0.00              | \$0.00               | \$0.00              | \$113,567.22        | \$117,969.00             |
| Lockesburg (PF) | WRD-003-856    | 00960-DWSRF-F          | SRF    | 2016         | 8              | 30-Nov-15    | \$55,099.00           | \$55,099.00         | \$0.00              | \$0.00               | \$0.00              | \$53,043.09         | \$55,099.00              |
| Lockesburg (PF) | WRD-003-856    | 00960-DWSRF-F          | SRF    | 2016         | 9              | 29-Dec-15    | \$21,134.00           | \$21,134.00         | \$0.00              | \$0.00               | \$0.00              | \$20,345.43         | \$21,134.00              |
| Lockesburg (PF) | WRD-003-856    | 00960-DWSRF-F          | SRF    | 2016         | 10             | 28-Jan-16    | \$88,827.00           | \$88,827.00         | \$0.00              | \$0.00               | \$0.00              | \$85,512.60         | \$88,827.00              |
| Lockesburg (PF) | WRD-003-856    | 00960-DWSRF-F          | SRF    | 2016         | 11             | 24-Feb-16    | \$63,855.00           | \$63,855.00         | \$0.00              | \$0.00               | \$0.00              | \$61,472.38         | \$63,855.00              |
| Lockesburg (PF) | WRD-003-856    | 00960-DWSRF-F          | SRF    | 2016         | 12             | 22-Mar-16    | \$29,879.00           | \$29,879.00         | \$0.00              | \$0.00               | \$0.00              | \$28,764.13         | \$29,879.00              |
| Lockesburg (PF) | WRD-003-856    | 00960-DWSRF-F          | SRF    | 2016         | 13             | 25-Apr-16    | \$95,842.00           | \$95,842.00         | \$0.00              | \$0.00               | \$0.00              | \$92,265.85         | \$95,842.00              |
|                 |                | <b>Lockesburg (PF)</b> |        | <b>Total</b> |                |              | <b>\$836,737.00</b>   | <b>\$836,737.00</b> | <b>\$0.00</b>       | <b>\$0.00</b>        | <b>\$0.00</b>       | <b>\$805,515.84</b> | <b>\$836,737.00</b>      |
| Old Bella Vista | WRD-003-801    | 00894-DWSRF-F          | SRF    | 2016         | 20             | 20-Sep-15    | \$519.27              | \$519.27            | \$0.00              | \$0.00               | \$0.00              | \$0.00              | \$519.27                 |
|                 |                | <b>Old Bella Vista</b> |        | <b>Total</b> |                |              | <b>\$519.27</b>       | <b>\$519.27</b>     | <b>\$0.00</b>       | <b>\$0.00</b>        | <b>\$0.00</b>       | <b>\$0.00</b>       | <b>\$519.27</b>          |
| Sardis WAPWA #4 | WRD-003-879    | 00933-DWSRF-L          | SRF    | 2016         | 2              | 23-Jul-15    | \$81,000.00           | \$0.00              | \$81,000.00         | \$0.00               | \$0.00              | \$0.00              | \$0.00                   |
| Sardis WAPWA #4 | WRD-003-879    | 00933-DWSRF-L          | SRF    | 2016         | 3              | 27-Oct-15    | \$409,103.00          | \$0.00              | \$298,375.44        | \$0.00               | \$110,727.56        | \$0.00              | \$0.00                   |
| Sardis WAPWA #4 | WRD-003-879    | 00933-DWSRF-L          | SRF    | 2016         | 4              | 30-Nov-15    | \$160,699.00          | \$160,699.00        | \$0.00              | \$0.00               | \$0.00              | \$0.00              | \$0.00                   |
| Sardis WAPWA #4 | WRD-003-879    | 00933-DWSRF-L          | SRF    | 2016         | 5              | 28-Jan-16    | \$33,100.00           | \$33,100.00         | \$0.00              | \$0.00               | \$0.00              | \$0.00              | \$0.00                   |
| Sardis WAPWA #4 | WRD-003-879    | 00933-DWSRF-L          | SRF    | 2016         | 6              | 24-Feb-16    | \$171,542.00          | \$0.00              | \$171,542.00        | \$0.00               | \$0.00              | \$0.00              | \$0.00                   |
| Sardis WAPWA #4 | WRD-003-879    | 00933-DWSRF-L          | SRF    | 2016         | 7              | 23-Mar-16    | \$260,073.00          | \$260,073.00        | \$0.00              | \$0.00               | \$0.00              | \$0.00              | \$0.00                   |
| Sardis WAPWA #4 | WRD-003-446    | 00256-DWSRF-L          | SRF    | 2016         | 8              | 25-Apr-16    | \$17,200.00           | \$17,200.00         | \$0.00              | \$0.00               | \$0.00              | \$0.00              | \$0.00                   |
| Sardis WAPWA #4 | WRD-003-879    | 00933-DWSRF-L          | SRF    | 2016         | 9              | 27-May-16    | \$133,800.00          | \$133,800.00        | \$0.00              | \$0.00               | \$0.00              | \$0.00              | \$0.00                   |
|                 |                | <b>Sardis WAPWA #4</b> |        | <b>Total</b> |                |              | <b>\$1,266,517.00</b> | <b>\$604,872.00</b> | <b>\$550,917.44</b> | <b>\$0.00</b>        | <b>\$110,727.56</b> | <b>\$0.00</b>       | <b>\$0.00</b>            |
| Stephens (PF)   | WRD-003-783    | 00873-DWSRF-F          | SRF    | 2016         | 20 Final       | 24-Aug-15    | \$1,993.89            | \$1,993.89          | \$0.00              | \$0.00               | \$0.00              | \$1,993.89          | \$1,993.89               |
|                 |                | <b>Stephens (PF)</b>   |        | <b>Total</b> |                |              | <b>\$1,993.89</b>     | <b>\$1,993.89</b>   | <b>\$0.00</b>       | <b>\$0.00</b>        | <b>\$0.00</b>       | <b>\$1,993.89</b>   | <b>\$1,993.89</b>        |
| Strong (L)      | WRD-003-869    | 00977-DWSRF-L          | SRF    | 2016         | CAP I (1)      | 27-Oct-15    | \$86.28               | \$0.00              | \$86.28             | \$0.00               | \$0.00              | \$0.00              | \$0.00                   |



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| Project Name  | Project Number | Loan Number          | Series | FY           | Payment Number | Payment Date | Total Payment         | Federal               | State               | Fees & Expenses Acct | Unrestricted Acct | GPR           | Additional Subsidization |
|---------------|----------------|----------------------|--------|--------------|----------------|--------------|-----------------------|-----------------------|---------------------|----------------------|-------------------|---------------|--------------------------|
| Strong (L)    | WRD-003-869    | 00977-DWSRF-L        | SRF    | 2016         | 3              | 20-Apr-16    | \$63,350.00           | \$63,350.00           | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$0.00                   |
| Strong (L)    | WRD-003-869    | 00977-DWSRF-L        | SRF    | 2016         | Cap-I (2)      | 20-Apr-16    | \$102.75              | \$102.75              | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$0.00                   |
| Strong (L)    | WRD-003-869    | 00977-DWSRF-L        | SRF    | 2016         | 4              | 27-May-16    | \$38,503.00           | \$38,503.00           | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$0.00                   |
| Strong (L)    | WRD-003-869    | 00977-DWSRF-L        | SRF    | 2016         | 5              | 27-Jun-16    | \$8,644.00            | \$8,644.00            | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$0.00                   |
|               |                | <b>Strong (L)</b>    |        | <b>Total</b> |                |              | <b>\$110,686.03</b>   | <b>\$110,599.75</b>   | <b>\$86.28</b>      | <b>\$0.00</b>        | <b>\$0.00</b>     | <b>\$0.00</b> | <b>\$0.00</b>            |
| Strong (PF)   | WRD-003-869    | 00976-DWSRF-F        | SRF    | 2016         | 2              | 23-Jul-15    | \$241,398.00          | \$241,398.00          | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$241,398.00             |
| Strong (PF)   | WRD-003-869    | 00976-DWSRF-F        | SRF    | 2016         | 3              | 24-Aug-15    | \$76,992.00           | \$76,992.00           | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$76,992.00              |
| Strong (PF)   | WRD-003-869    | 00976-DWSRF-F        | SRF    | 2016         | 4              | 20-Sep-15    | \$106,217.00          | \$106,217.00          | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$106,217.00             |
| Strong (PF)   | WRD-003-869    | 00976-DWSRF-F        | SRF    | 2016         | 5              | 27-Oct-15    | \$91,878.00           | \$91,878.00           | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$91,878.00              |
| Strong (PF)   | WRD-003-869    | 00976-DWSRF-F        | SRF    | 2016         | 6              | 30-Nov-15    | \$174,645.00          | \$174,645.00          | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$174,645.00             |
| Strong (PF)   | WRD-003-869    | 00976-DWSRF-F        | SRF    | 2016         | 7              | 29-Dec-15    | \$141,545.00          | \$141,545.00          | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$141,545.00             |
| Strong (PF)   | WRD-003-869    | 00976-DWSRF-F        | SRF    | 2016         | 8              | 28-Jan-16    | \$105,627.00          | \$105,627.00          | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$105,627.00             |
| Strong (PF)   | WRD-003-869    | 00976-DWSRF-F        | SRF    | 2016         | 9              | 24-Feb-16    | \$173,586.00          | \$173,586.00          | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$173,586.00             |
| Strong (PF)   | WRD-003-869    | 00976-DWSRF-F        | SRF    | 2016         | 10             | 23-Mar-16    | \$86,546.00           | \$86,546.00           | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$86,546.00              |
| Strong (PF)   | WRD-003-869    | 00976-DWSRF-F        | SRF    | 2016         | 11             | 27-Jun-16    | \$98,146.00           | \$98,146.00           | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$98,146.00              |
|               |                | <b>Strong (PF)</b>   |        | <b>Total</b> |                |              | <b>\$1,296,580.00</b> | <b>\$1,296,580.00</b> | <b>\$0.00</b>       | <b>\$0.00</b>        | <b>\$0.00</b>     | <b>\$0.00</b> | <b>\$1,296,580.00</b>    |
| Thornton (L)  | WRD-003-873    | 00986-DWSRF-L        | SRF    | 2016         | 2              | 20-Sep-15    | \$599,794.00          | \$599,794.00          | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$0.00                   |
| Thornton (L)  | WRD-003-873    | 00986-DWSRF-L        | SRF    | 2016         | 3              | 27-Oct-15    | \$150,264.00          | \$0.00                | \$150,264.00        | \$0.00               | \$0.00            | \$0.00        | \$0.00                   |
| Thornton (L)  | WRD-003-873    | 00986-DWSRF-L        | SRF    | 2016         | CAP I          | 27-Oct-15    | \$1,875.47            | \$0.00                | \$1,875.47          | \$0.00               | \$0.00            | \$0.00        | \$0.00                   |
| Thornton (L)  | WRD-003-873    | 00986-DWSRF-L        | SRF    | 2016         | 4              | 30-Nov-15    | \$60,683.00           | \$60,683.00           | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$0.00                   |
| Thornton (L)  | WRD-003-873    | 00986-DWSRF-L        | SRF    | 2016         | 5              | 29-Dec-15    | \$69,587.00           | \$0.00                | \$69,587.00         | \$0.00               | \$0.00            | \$0.00        | \$0.00                   |
| Thornton (L)  | WRD-003-873    | 00986-DWSRF-L        | SRF    | 2016         | 6              | 28-Jan-16    | \$91,352.53           | \$0.00                | \$91,352.53         | \$0.00               | \$0.00            | \$0.00        | \$0.00                   |
|               |                | <b>Thornton (L)</b>  |        | <b>Total</b> |                |              | <b>\$973,556.00</b>   | <b>\$660,477.00</b>   | <b>\$313,079.00</b> | <b>\$0.00</b>        | <b>\$0.00</b>     | <b>\$0.00</b> | <b>\$0.00</b>            |
| Thornton (PF) | WRD-003-873    | 00986-DWSRF-F        | SRF    | 2016         | 2              | 28-Jan-16    | \$71,052.00           | \$71,052.00           | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$71,052.00              |
| Thornton (PF) | WRD-003-873    | 00986-DWSRF-F        | SRF    | 2016         | 3              | 24-Feb-16    | \$100,185.00          | \$100,185.00          | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$100,185.00             |
| Thornton (PF) | WRD-003-873    | 00986-DWSRF-F        | SRF    | 2016         | 4              | 22-Mar-16    | \$37,331.00           | \$37,331.00           | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$37,331.00              |
| Thornton (PF) | WRD-003-873    | 00986-DWSRF-F        | SRF    | 2016         | 5              | 20-Apr-16    | \$76,592.00           | \$76,592.00           | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$76,592.00              |
| Thornton (PF) | WRD-003-873    | 00986-DWSRF-F        | SRF    | 0206         | 6              | 27-May-16    | \$93,994.00           | \$93,994.00           | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$93,994.00              |
| Thornton (PF) | WRD-003-873    | 00986-DWSRF-F        | SRF    | 2016         | 7              | 27-Jun-16    | \$107,667.00          | \$107,667.00          | \$0.00              | \$0.00               | \$0.00            | \$0.00        | \$107,667.00             |
|               |                | <b>Thornton (PF)</b> |        | <b>Total</b> |                |              | <b>\$486,821.00</b>   | <b>\$486,821.00</b>   | <b>\$0.00</b>       | <b>\$0.00</b>        | <b>\$0.00</b>     | <b>\$0.00</b> | <b>\$486,821.00</b>      |

## Annual Report - Appendix B-3

| Project Name | Project Number | Loan Number   | Series | FY    | Payment Number | Payment Date | Total Payment   | Federal        | State          | Fees & Expenses Acct | Unrestricted Acct | GPR          | Additional Subsidization |
|--------------|----------------|---------------|--------|-------|----------------|--------------|-----------------|----------------|----------------|----------------------|-------------------|--------------|--------------------------|
| Waldo (L)    | WRD-003-880    | 00994-DWSRF-L | SRF    | 2016  | 1 Closing      | 17-Sep-15    | \$215,444.00    | \$215,444.00   | \$0.00         | \$0.00               | \$0.00            | \$0.00       | \$0.00                   |
| Waldo (L)    | WRD-003-880    | 00994-DWSRF-L | SRF    | 2016  | 2              | 29-Dec-15    | \$384,556.00    | \$0.00         | \$384,556.00   | \$0.00               | \$0.00            | \$0.00       | \$0.00                   |
|              |                | Waldo (L)     |        | Total |                |              | \$600,000.00    | \$215,444.00   | \$384,556.00   | \$0.00               | \$0.00            | \$0.00       | \$0.00                   |
| Waldo (PF)   | WRD-003-880    | 00995-DWSRF-F | SRF    | 2016  | 1 Closing      | 17-Sep-15    | \$10,000.00     | \$10,000.00    | \$0.00         | \$0.00               | \$0.00            | \$0.00       | \$10,000.00              |
| Waldo (PF)   | WRD-003-880    | 00995-DWSRF-F | SRF    | 2016  | 2              | 29-Dec-15    | \$355,959.00    | \$355,959.00   | \$0.00         | \$0.00               | \$0.00            | \$0.00       | \$355,959.00             |
| Waldo (PF)   | WRD-003-880    | 00995-DWSRF-F | SRF    | 2016  | 3              | 28-Jan-16    | \$183,026.00    | \$183,026.00   | \$0.00         | \$0.00               | \$0.00            | \$0.00       | \$183,026.00             |
| Waldo (PF)   | WRD-003-880    | 00995-DWSRF-F | SRF    | 2016  | 4              | 24-Feb-16    | \$260,422.00    | \$260,422.00   | \$0.00         | \$0.00               | \$0.00            | \$0.00       | \$260,422.00             |
| Waldo (PF)   | WRD-003-880    | 00995-DWSRF-F | SRF    | 2016  | 5              | 22-Mar-16    | \$130,234.00    | \$130,234.00   | \$0.00         | \$0.00               | \$0.00            | \$0.00       | \$130,234.00             |
| Waldo (PF)   | WRD-003-880    | 00995-DWSRF-F | SRF    | 2016  | 6              | 20-Apr-16    | \$193,269.00    | \$193,269.00   | \$0.00         | \$0.00               | \$0.00            | \$0.00       | \$193,269.00             |
| Waldo (PF)   | WRD-003-880    | 00995-DWSRF-F | SRF    | 2016  | 7              | 27-May-16    | \$157,715.00    | \$157,715.00   | \$0.00         | \$0.00               | \$0.00            | \$0.00       | \$157,715.00             |
| Waldo (PF)   | WRD-003-880    | 00995-DWSRF-F | SRF    | 2016  | 8              | 27-Jun-16    | \$157,509.00    | \$157,509.00   | \$0.00         | \$0.00               | \$0.00            | \$0.00       | \$157,509.00             |
|              |                | Waldo (PF)    |        | Total |                |              | \$1,448,134.00  | \$1,448,134.00 | \$0.00         | \$0.00               | \$0.00            | \$0.00       | \$1,448,134.00           |
| Wilton (PF)  | WRD-003-814    | 00909-DWSRF-F | SRF    | 2016  | 13             | 30-Nov-15    | \$2,996.60      | \$2,996.60     | \$0.00         | \$0.00               | \$0.00            | \$2,921.89   | \$2,996.60               |
|              |                | Wilton (PF)   |        | Total |                |              | \$2,996.60      | \$2,996.60     | \$0.00         | \$0.00               | \$0.00            | \$2,921.89   | \$2,996.60               |
| Totals:      |                |               |        |       |                |              | \$10,763,138.15 | \$7,730,811.81 | \$2,921,598.61 | \$0.00               | \$110,727.73      | \$848,046.36 | \$4,356,421.51           |

## Appendix B-4 – Additional Subsidization by Cap Grant

| DRINKING WATER ADD SUB BY GRANT |  |   |   |  |                                       |                                    |                                       |
|---------------------------------|--|---|---|--|---------------------------------------|------------------------------------|---------------------------------------|
| Expensed as of: 6/30/2016       |  |   |   |  |                                       |                                    |                                       |
| 2010 Cap Grant Requirements     |  |   |   |  |                                       |                                    |                                       |
| Project                         | Add Sub (PF)<br>Minimum Amt.<br>6,161,700      | Add Sub (PF)<br>Expensed                  | Add Sub (PF)<br>Remaining Balance                 | Percentage of Project<br>Meeting<br>GPR Requirements | Green<br>Required<br>4,107,800        | Green<br>Expended                  | Green<br>Unexpended<br>Balance        |
| Norman                          | 2,239,005                                      | 2,239,005                                 | 0   | 100.0000%  | 2,239,005                             | 2,239,005                          | -                                     |
| Old Bella Vista                 | 600,000  | 595,817                                   | 0   | 0.0000%  | -                                     | -                                  | -                                     |
| McNeil                          | 1,253,860                                      | 1,253,860                                 | 0   | 98.9000%   | 1,240,064                             | 1,240,064                          | -                                     |
| Stephens                        | 2,074,000                                      | 2,074,000                                 | 0   | 100.0000%  | 630,000                               | 630,000                            | -                                     |
| 2010 Grant Totals               | 6,166,865                                      | 6,162,682                                 | 0   |  | 4,109,069                             | 4,109,069                          | -                                     |
| (Over)/Under                    | (5,165)  | (982)                                     |   |  | (1,269)                               |                                    |                                       |
| 2011 Cap Grant Requirements     |  |   |   |  |                                       |                                    |                                       |
| Project                         | Add Sub (PF)<br>Minimum Amt.<br>4,276,510      | Add Sub (PF)<br>Expensed                  | Add Sub (PF)<br>Remaining Balance                 | Percentage of Project<br>Meeting<br>GPR Requirements | Green<br>Required<br>2,850,400        | Green<br>Expended                  | Green<br>Remaining<br>Balance         |
| Stephens                        | 885,959  | 885,959                                   | -   | 100.0000%  | 2,329,959                             | 2,329,959                          | -                                     |
| Bradley                         | 1,351,551                                      | 1,351,551                                 | -   | 0.0000%  | -                                     | -                                  | -                                     |
| Chidester 1                     | 1,450,000                                      | 1,450,000                                 | -   | 95.9413%   | 521,000                               | 521,000                            | -                                     |
| Wilton                          | 590,001  | 590,001                                   | -   | 97.5068%   | -                                     | -                                  | -                                     |
| 2011 Grant Totals               | 4,277,510                                      | 4,277,510                                 | -   |  | 2,850,959                             | 2,850,959                          | -                                     |
| (Over)/Under                    | (1,001)  | (1,001)                                   |   |  | (559)                                 |                                    |                                       |
| 2012 Cap Grant Requirements     |  |   |   |  |                                       |                                    |                                       |
| Project                         | Add Sub (PF)<br>Minimum Amt.<br>2,716,400      | Add Sub (PF)<br>Expensed                  | Add Sub (PF)<br>Remaining Balance                 | Percentage of Project<br>Meeting<br>GPR Requirements | Green<br>Suggested Amt<br>2,716,400   | Green<br>Expended                  | Green<br>Remaining<br>Balance         |
| Chidester 1                     | -  | -   | -   | 95.9413%   | 870,149                               | 870,149                            | -                                     |
| Wilton                          | 331,485  | 331,485                                   | -   | 97.5068%   | 530,000                               | 530,000                            | -                                     |
| Winthrop                        | 900,000  | 821,687                                   | -   | 95.1214%   | 800,000                               | 800,000                            | -                                     |
| Lockesburg (PF)                 | 1,240,000                                      | 1,240,000                                 | -   | 0.0000%  | 550,000                               | 550,000                            | -                                     |
| Strong                          | 350,000  | 350,000                                   | -   |  |                                       |                                    | -                                     |
| 2012 Grant Totals               | 2,821,485                                      | 2,743,172                                 | -   |  | 2,750,149                             | 2,750,149                          | -                                     |
| AR Targeted Amt:                | 3,000,000                                      |   |   |  |                                       |                                    |                                       |
| (Over)/Under                    | (105,085)                                      | (26,772)                                  |   |  | (33,749)                              |                                    |                                       |
| 2013 Cap Grant Requirements     |  |   |   |  |                                       |                                    |                                       |
| Project                         | Add Sub (PF)<br>Minimum Amt.<br>2,548,600      | Add Sub (PF)<br>Expensed                  | Add Sub (PF)<br>Remaining Balance                 | Percentage of Project<br>Meeting<br>GPR Requirements | Green<br>Suggested Amt<br>2,548,600   | Green<br>Expended                  | Green<br>Remaining<br>Balance         |
| Wilton                          | -  | -   | -   | 97.5068%   | 563,525                               | 563,525                            | -                                     |
| Winthrop                        | -  | -   | -   | 95.1214%   | 247,940                               | 247,940                            | -                                     |
| Lockesburg (L)                  | -  | -   | -   | 96.2687%   | 1,051,062                             | 1,051,062                          | -                                     |
| Lockesburg (PF)                 | -  | -   | -   | 96.2687%   | 483,806                               | 483,806                            | -                                     |
| Thornton                        | 925,000  | 544,081                                   | 380,919   | 0.0000%  |                                       |                                    | -                                     |
| Strong                          | 1,050,000                                      | 1,050,000                                 | -   | 0.0000%  |                                       |                                    | -                                     |
| Waldo                           | 650,000  | 650,000                                   | -   | 0.0000%  |                                       |                                    | -                                     |
| 2013 Grant Totals               | 2,625,000                                      | 2,244,081                                 | 380,919   |  | 2,346,333                             | 2,346,333                          | -                                     |
| AR Targeted Amt:                | 3,000,000                                      |   |   |  |                                       |                                    |                                       |
| (Over)/Under                    | (76,400)                                       | 304,519                                   |   |  | 202,267                               |                                    |                                       |
| 2014 Cap Grant Requirements     |  |   |   |  |                                       |                                    |                                       |
| Project                         | Add Sub (PF)<br>Minimum Amt.<br>2,706,800      | Add Sub (PF)<br>Expensed                  | Add Sub (PF)<br>Remaining Balance                 | Percentage of Project<br>Meeting<br>GPR Requirements | Green<br>Suggested Amt<br>2,706,800   | Green<br>Expended                  | Green<br>Remaining<br>Balance         |
| Waldo                           | 1,950,000                                      | 903,583                                   | 1,046,417   |  |                                       |                                    |                                       |
| Chidester 2                     | 800,000  | 240,436                                   | 559,564   |  |                                       |                                    |                                       |
| Eudora                          | 260,000  | -   | 260,000   |  |                                       |                                    |                                       |
| 2014 Grant Totals               | 3,010,000                                      | 1,144,019                                 | 1,865,981   |  | -                                     | -                                  | -                                     |
| AR Targeted Amt:                | 3,000,000                                      |   |   |  |                                       |                                    |                                       |
| (Over)/Under                    | (10,000)                                       | 1,562,781                                 |   |  | 2,706,800                             |                                    |                                       |
| 2015 Cap Grant Requirements     |  |   |   |  |                                       |                                    |                                       |
| Project                         | Add Sub (PF)<br>Minimum Amt.<br>2,689,000      | Add Sub (PF)<br>Expensed                  | Add Sub (PF)<br>Remaining Balance                 | Percentage of Project<br>Meeting<br>GPR Requirements | Green<br>Suggested Amt<br>2,689,000   | Green<br>Expended                  | Green<br>Remaining<br>Balance         |
| Arkadelphia                     | 3,010,000                                      | 95,240                                    | 2,914,760   | 0.0000%  |                                       |                                    |                                       |
| 2015 Grant Totals               | 3,010,000                                      | 95,240                                    | 2,914,760   |  | -                                     | -                                  | -                                     |
| AR Targeted Amt:                | 3,000,000                                      |   |   |  |                                       |                                    |                                       |
| (Over)/Under                    | (10,000)                                       | 2,593,760                                 |   |  | 2,689,000                             |                                    |                                       |
| 2016 Cap Grant Requirements     |  |   |   |  |                                       |                                    |                                       |
| Grand Totals                    | Add Sub (PF)<br>Required Amt.<br>\$ 21,099,010 | Add Sub (PF)<br>Expensed<br>\$ 16,666,705 | Add Sub (PF)<br>Remaining Balance<br>\$ 5,161,660 |  | Green<br>Required Amt<br>\$ 6,958,200 | Green<br>Expended<br>\$ 12,056,510 | Green<br>Remaining<br>Balance<br>\$ - |

# APPENDIX



## FINANCIAL STATEMENT REPORTS Capacity Analysis Bond Issuance

## Appendix C-1 – Statement of Net Position

| <b>APPENDIX C-1</b><br><b>STATE OF ARKANSAS SAFE DRINKING WATER FUND</b><br><b>STATEMENT OF NET POSITION</b><br><b>YEARS ENDING JUNE 30, 2014 AND June 30, 2016</b> |                                   |                                 |
|---|-----------------------------------|---------------------------------|
|   | <b>2016</b><br><b>(UNAUDITED)</b> | <b>2015</b><br><b>(AUDITED)</b> |
| <b>ASSETS</b>   |                                   |                                 |
| <b><i>Current Assets</i></b>  |                                   |                                 |
| Cash and cash equivalents   | \$ 15,987,555                     | \$ 20,158,543                   |
| Accrued interest receivable:  |                                   |                                 |
| Investment  | \$ 108,409                        | \$ 45,336                       |
| Loans   | \$ 202,815                        | \$ 211,782                      |
| Accounts receivable:  | \$ -                              | \$ -                            |
| Borrowers   | \$ 111,753                        | \$ 114,238                      |
| EPA   | \$ 431,649                        | \$ 857,630                      |
| Investments - current portion   | \$ 30,029,680                     | \$ 54,504,685                   |
| <b><i>Total Current Assets</i></b>  | <b>\$ 46,871,861</b>              | <b>\$ 75,892,214</b>            |
| <b><i>Noncurrent Assets</i></b>   |                                   |                                 |
| Investments - restricted (at fair value)  | \$ -                              | \$ -                            |
| Loans receivable- restricted  | \$ 170,151,657                    | \$ 171,887,064                  |
| Other assets  | \$ -                              | \$ -                            |
| <b><i>Total Noncurrent Assets</i></b>   | <b>\$ 170,151,657</b>             | <b>\$ 171,887,064</b>           |
| <b>TOTAL ASSETS</b>   | <b>\$ 217,023,518</b>             | <b>\$ 247,779,278</b>           |
| <b>LIABILITIES</b>  |                                   |                                 |
| <b><i>Current Liabilities</i></b>   |                                   |                                 |
| Accounts payable  | \$ 536,124                        | \$ 536,082                      |
| Accrued interest payable  | \$ 82,603                         | \$ 90,124                       |
| Bonds payable-current portion   | \$ 1,810,000                      | \$ 1,805,000                    |
| <b><i>Total Current Liabilities</i></b>   | <b>\$ 2,428,727</b>               | <b>\$ 2,431,206</b>             |
| <b><i>Noncurrent Liabilities</i></b>  |                                   |                                 |
| Bonds payable-net of unamortized premiums   | \$ 21,183,460                     | \$ 23,379,506                   |
| Deferred fees   | \$ -                              | \$ -                            |
| Amortization of deferred fees   | \$ -                              | \$ -                            |
| <b><i>Total Noncurrent Liabilities</i></b>  | <b>\$ 21,183,460</b>              | <b>\$ 23,379,506</b>            |
| <b>TOTAL LIABILITIES</b>  | <b>\$ 23,612,187</b>              | <b>\$ 25,810,712</b>            |
| <b>NET ASSETS</b>   |                                   |                                 |
| Restricted for program administration   | \$ 230,632,969                    | \$ 221,968,566                  |



| <b>APPENDIX C-2</b><br><b>STATE OF ARKANSAS SAFE DRINKING WATER FUND</b><br><b>COMBINING STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION</b><br><b>YEARS ENDING JUNE 30, 2015 AND JUNE 30, 2016</b> |                        |                              |                     |                     |                   |
|---|------------------------|------------------------------|---------------------|---------------------|-------------------|
|   | REVOLVING<br>LOAN FUND | DEPT. OF HEALTH<br>SET-ASIDE | FEES AND<br>EXPENSE | 2016<br>(UNAUDITED) | 2015<br>(AUDITED) |
| <b><u>OPERATING REVENUES</u></b>  |                        |                              |                     |                     |                   |
| Interest Income   |                        |                              |                     |                     |                   |
| Investments   | \$ 173,384             | \$ -                         | \$ 19,698           | \$ 193,082          | \$ 92,937         |
| Loans   | \$ 3,432,190           | \$ -                         | \$ 77,096           | \$ 3,509,286        | \$ 3,501,214      |
| Financing fees  | \$ -                   | \$ -                         | \$ 1,732,146        | \$ 1,732,146        | \$ 1,724,238      |
| Net increase in Fair Value of Investments   | \$ 71,347              | \$ -                         | \$ (1,215)          | \$ 70,132           | \$ (33,334)       |
| <br>Total Operating Revenues  | <br>\$ 3,676,921       | <br>\$ -                     | <br>\$ 1,827,725    | <br>\$ 5,504,646    | <br>\$ 5,285,055  |
| <b><u>OPERATING EXPENSES</u></b>  |                        |                              |                     |                     |                   |
| Federal financial assistance programs   |                        |                              |                     |                     |                   |
| BASE  | \$ -                   | \$ -                         | \$ -                | \$ -                | \$ -              |
| Program Administration  | \$ 4,356,422           | \$ -                         | \$ -                | \$ 4,356,422        | \$ 1,509,419      |
| Bond Interest   | \$ -                   | \$ -                         | \$ 183,955          | \$ 183,955          | \$ 181,232        |
| Amortization of bond issuance costs   | \$ 1,073,967           | \$ -                         | \$ -                | \$ 1,073,967        | \$ 1,139,467      |
| Amortization of bond premiums   | \$ (386,046)           | \$ -                         | \$ -                | \$ (386,046)        | \$ (409,591)      |
| <br>Total Operating Expenses  | <br>\$ 5,044,343       | <br>\$ -                     | <br>\$ 183,955      | <br>\$ 5,228,297    | <br>\$ 2,420,527  |
| <b><u>OPERATING INCOME</u></b>  | <br>\$ (1,367,422)     | <br>\$ -                     | <br>\$ 1,643,770    | <br>\$ 276,349      | <br>\$ 2,864,528  |
| <b><u>NON-OPERATING INCOME</u></b>  |                        |                              |                     |                     |                   |
| Federal Grants  | \$ 7,730,812           | \$ 4,172,849                 | \$ 494,992          | \$ 12,398,653       | \$ 15,967,483     |
| ARRA Federal Grants   | \$ -                   | \$ -                         | \$ -                | \$ -                | \$ -              |
| State Contributions   | \$ -                   | \$ -                         | \$ -                | \$ -                | \$ -              |
| <b><u>INCOME BEFORE TRANSFERS OUT</u></b>   | <br>\$ 6,363,390       | <br>\$ 4,172,849             | <br>\$ 2,138,763    | <br>\$ 12,675,002   | <br>\$ 18,832,011 |
| Transfers (Out) In  | \$ 2,689,000           | \$ (4,172,849)               | \$ (2,526,750)      | \$ (4,010,599)      | \$ (4,573,014)    |
| Change in Net Position  | \$ 9,052,390           | \$ -                         | \$ (387,987)        | \$ 8,664,403        | \$ 14,258,997     |
| Change in Accounting Principal (Note #)   |                        |                              | \$ -                | \$ -                | \$ -              |
| <b><u>NET POSITION</u></b>  |                        |                              |                     |                     |                   |
| Beginning of year   | \$ 212,190,735         | \$ -                         | \$ 9,777,831        | \$ 221,968,566      | \$ 207,709,569    |
| End of year   | \$ 221,243,125         | \$ -                         | \$ 9,389,844        | \$ 230,632,969      | \$ 221,968,566    |

| <b>APPENDIX C-3</b><br><b>STATE OF ARKANSAS SAFE DRINKING WATER FUND</b><br><b>STATEMENT OF CASH FLOWS</b><br><b>YEARS ENDING JUNE 30, 2015 AND JUNE 30, 2016</b> |                        |                |                       |                     |                   |
|---|------------------------|----------------|-----------------------|---------------------|-------------------|
|   | REVOLVING<br>LOAN FUND | SET<br>ASIDES  | FEEES AND<br>EXPENSES | 2016<br>(UNAUDITED) | 2015<br>(AUDITED) |
| <b><u>OPERATING ACTIVITIES</u></b>  |                        |                |                       |                     |                   |
| Interest received on investments  | \$ 118,370             | \$ -           | \$ 11,639             | \$ 130,009          | \$ 58,958         |
| Interest received on loans  | \$ 3,441,059           | \$ -           | \$ 77,194             | \$ 3,518,253        | \$ 3,530,566      |
| Loan Repayments (Principal)   | \$ 8,048,707           | \$ -           | \$ 93,417             | \$ 8,142,124        | \$ 7,988,118      |
| Loan Disbursements  | \$ (6,406,717)         | \$ -           | \$ -                  | \$ (6,406,717)      | \$ (12,082,929)   |
| ARRA Loan Disbursements   | \$ -                   | \$ -           | \$ -                  | \$ -                | \$ -              |
| Financing fees  | \$ -                   | \$ -           | \$ 1,734,631          | \$ 1,734,631        | \$ 1,740,710      |
| Principal forgiveness disbursements   | \$ (4,356,422)         | \$ -           | \$ -                  | \$ (4,356,422)      | \$ (1,509,419)    |
| Cash paid for interest  | \$ (1,081,487)         | \$ -           | \$ -                  | \$ (1,081,487)      | \$ (1,144,738)    |
| Cash paid for program administration  | \$ 2,250               | \$ -           | \$ (186,410)          | \$ (184,160)        | \$ (179,017)      |
| Net cash provided by operating activities   | \$ (234,239)           | \$ -           | \$ 1,730,471          | \$ 1,496,232        | \$ (1,597,751)    |
| <b><u>NON-CAPITAL FINANCING ACTIVITIES</u></b>  |                        |                |                       |                     |                   |
| Repayment of long-term debt   | \$ (1,805,000)         | \$ -           | \$ -                  | \$ (1,805,000)      | \$ (1,265,000)    |
| Proceeds from bond issuance   | \$ -                   | \$ -           | \$ -                  | \$ -                | \$ -              |
| Cash paid for cost of issuance of long-term debt  | \$ -                   | \$ -           | \$ -                  | \$ -                | \$ -              |
| Transfers in (Out)  | \$ 2,689,000           | \$ (4,172,601) | \$ (2,526,750)        | \$ (4,010,351)      | \$ (4,749,610)    |
| Non operating grants received   | \$ 7,730,812           | \$ 4,172,601   | \$ 921,220            | \$ 12,824,633       | \$ 16,176,054     |
| Net cash provided by non capital financing activities   | \$ 8,614,812           | \$ -           | \$ (1,605,530)        | \$ 7,009,282        | \$ 10,161,444     |
| <b><u>INVESTING ACTIVITIES</u></b>  |                        |                |                       |                     |                   |
| Proceeds from sale of investments   | \$ 72,000,000          | \$ -           | \$ 4,500,000          | \$ 76,500,000       | \$ 51,500,000     |
| Purchase of investments   | \$ (86,171,933)        | \$ -           | \$ (3,004,570)        | \$ (89,176,503)     | \$ (81,036,269)   |
| Net cash received (used) in investing activities  | \$ (14,171,933)        | \$ -           | \$ 1,495,430          | \$ (12,676,503)     | \$ (29,536,269)   |
| Net Increase in Cash and Cash Equivalents   | \$ (5,791,360)         | \$ -           | \$ 1,620,371          | \$ (4,170,989)      | \$ (20,972,576)   |
| <b><u>CASH AND CASH EQUIVALENTS:</u></b>  |                        |                |                       |                     |                   |
| Beginning of year   | \$ 19,206,096          | \$ -           | \$ 952,447            | \$ 20,158,543       | \$ 41,134,119     |
| End of Year   | \$ 13,414,736          | \$ -           | \$ 2,572,818          | \$ 15,987,554       | \$ 20,158,543     |
| <b><u>RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES:</u></b>  |                        |                |                       |                     |                   |
| Operating Income (Loss)   | \$ (1,367,422)         | \$ -           | \$ 1,643,770          | \$ 276,348          | \$ 2,864,528      |
| Items not providing operating activities cash flows:  |                        |                |                       |                     |                   |
| Amortization of bond issuance costs   | \$ -                   | \$ -           | \$ -                  | \$ -                | \$ -              |
| Amortization of bond premiums   | \$ (386,046)           | \$ -           | \$ -                  | \$ (386,046)        | \$ (409,591)      |
| Amortization of deferred financing fees   | \$ -                   | \$ -           | \$ -                  | \$ -                | \$ -              |
| Net appr/depr in investments  | \$ (71,347)            | \$ -           | \$ 1,215              | \$ (70,132)         | \$ 33,334         |
| Changes in:   |                        |                |                       |                     |                   |
| Accounts receivable:  |                        |                |                       |                     |                   |
| Borrowers   | \$ 8                   | \$ -           | \$ 2,477              | \$ 2,485            | \$ 16,473         |
| Accrued interest receivable:  |                        |                |                       |                     |                   |
| Investments   | \$ (55,014)            | \$ -           | \$ (8,059)            | \$ (63,073)         | \$ (33,980)       |
| Loans   | \$ 8,890               | \$ -           | \$ 77                 | \$ 8,967            | \$ 29,352         |
| Loans receivable  | \$ 1,641,990           | \$ -           | \$ 93,417             | \$ 1,735,407        | \$ (4,094,811)    |
| Accounts Payable  | \$ 2,222               | \$ -           | \$ (2,427)            | \$ (205)            | \$ 2,215          |
| Accrued interest payable  | \$ (7,521)             | \$ -           | \$ -                  | \$ (7,521)          | \$ (5,271)        |
| Net cash used in operating activities   | \$ (234,239)           | \$ -           | \$ 1,730,470          | \$ 1,496,231        | \$ (1,597,751)    |

## APPENDIX C-4

### STATE OF ARKANSAS SAFE DRINKING WATER FUND PACE CALCULATIONS - Financial Indicators

#### FEDERAL RETURN ON INVESTMENT

| State Fiscal Year | Cumulative Assistance Disbursed | Cumulative Federal Cash Draws | Federal Return on Investment |
|-------------------|---------------------------------|-------------------------------|------------------------------|
| 2013              | \$ 176,915,872                  | \$ 179,987,164                | 98.29%                       |
| 2014              | \$ 198,107,923                  | \$ 194,933,949                | 101.63%                      |
| 2015              | \$ 211,919,279                  | \$ 208,526,297                | 101.63%                      |
| 2016              | \$ 211,919,279                  | \$ 219,164,456                | 96.69%                       |

#### 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 |
|-------------------|---------------------------------------|--------------------------------------|--|
| 2013              | \$ 238,892,347                        | \$ 269,986,527                       | 88.48%                                   |
| 2014              | \$ 247,722,347                        | \$ 291,226,622                       | 85.06%                                   |
| 2015              | \$ 258,254,147                        | \$ 311,889,891                       | 82.80%                                   |
| 2016              | \$ 262,254,147                        | \$ 334,659,010                       | 78.36%                                   |

#### 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 |
|-------------------|---------------------------------|---------------------------------------|---|
| 2013              | \$ 176,915,872                  | \$ 238,892,347                        | 74.06%                                      |
| 2014              | \$ 198,107,923                  | \$ 247,722,347                        | 79.97%                                      |
| 2015              | \$ 211,919,279                  | \$ 258,254,147                        | 82.06%                                      |
| 2016              | \$ 211,919,279                  | \$ 262,254,147                        | 80.81%                                      |

\*\*\*Note: All data from NIMS which includes ARRA totals

## Appendix C-5 – Capacity Analysis Bond Issuance

### Arkansas Development Finance Authority Drinking Water SRF 2016 Capacity Analysis (Max Bond Issuance: FY2017 & Max Direct Loan)

#### Summary of Projected Program Capacity

| Loan Funding Sources |                    |                      |                       |                  |                          |                          | Loan Funding Uses             |                    |                            |  |  |                               |                      |
|----------------------|--------------------|----------------------|-----------------------|------------------|--------------------------|--------------------------|-------------------------------|--------------------|----------------------------|--|--|-------------------------------|----------------------|
| Fiscal Year          | (1)<br>Bonds Sold  | Assumed<br>Bond Rate | Federal<br>Cap Grants | State Match      | Revenue Fund<br>Releases | Bond Funded<br>New Loans | (2)<br>Direct Funded<br>Loans | Total New<br>Loans | Cumulative<br>Loans Funded | Inflation<br>Adjusted Total<br>New Loans at<br>2.43% | (3)<br>Cumulative<br>Inflation<br>Adjusted Total<br>New Loans at | (1)<br>Effective<br>Loan Rate | Effective<br>Subsidy |
| 2017                 | 70,000,000         | 4.00%                | 9,030,490             | 2,543,800        | 9,431,577                | 68,950,000               | 35,000,000                    | 103,950,000        | 103,950,000                | 103,950,000  | 103,950,000  | 1.81%                         | 54.75%               |
| 2018                 | 25,000,000         | 4.25%                | 9,030,490             | 2,543,800        | 8,475,523                | 24,625,000               | 35,000,000                    | 59,625,000         | 163,575,000                | 58,209,349   | 162,159,349  | 1.99%                         | 53.18%               |
| 2019                 | 25,000,000         | 4.50%                | -                     | -                | 10,431,445               | 24,625,000               | 35,000,000                    | 59,625,000         | 223,200,000                | 56,827,308   | 218,986,657  | 2.16%                         | 52.00%               |
| 2020                 | 25,000,000         | 4.75%                | -                     | -                | 12,577,012               | 24,625,000               | 25,334,157                    | 49,959,157         | 273,159,157                | 46,484,498   | 265,471,155  | 2.34%                         | 50.74%               |
| 2021                 | 25,000,000         | 5.00%                | -                     | -                | 14,456,859               | 24,625,000               | 14,456,859                    | 39,081,859         | 312,241,016                | 35,500,348   | 300,971,503  | 2.51%                         | 49.80%               |
| 2022                 | 25,000,000         | 5.25%                | -                     | -                | 15,683,043               | 24,625,000               | 15,683,043                    | 40,308,043         | 352,549,059                | 35,744,848   | 336,716,350  | 2.69%                         | 48.76%               |
| 2023                 | 25,000,000         | 5.50%                | -                     | -                | 16,424,989               | 24,625,000               | 16,424,989                    | 41,049,989         | 393,599,048                | 35,538,503   | 372,254,853  | 2.86%                         | 48.00%               |
| 2024                 | 25,000,000         | 5.50%                | -                     | -                | 17,236,622               | 24,625,000               | 17,236,622                    | 41,861,622         | 435,460,670                | 35,380,705   | 407,635,558  | 2.86%                         | 48.00%               |
| 2025                 | 25,000,000         | 5.50%                | -                     | -                | 17,971,891               | 24,625,000               | 17,971,891                    | 42,596,891         | 478,057,561                | 35,147,358   | 442,782,916  | 2.86%                         | 48.00%               |
| 2026                 | 25,000,000         | 5.50%                | -                     | -                | 18,371,356               | 24,625,000               | 18,371,356                    | 42,996,356         | 521,053,917                | 34,634,648   | 477,417,565  | 2.86%                         | 48.00%               |
| 2027                 | 25,000,000         | 5.50%                | -                     | -                | 19,771,579               | 24,625,000               | 19,771,579                    | 44,396,579         | 565,450,496                | 34,913,467   | 512,331,032  | 2.86%                         | 48.00%               |
| 2028                 | 25,000,000         | 5.50%                | -                     | -                | 20,424,399               | 24,625,000               | 20,424,399                    | 45,049,399         | 610,499,895                | 34,585,720   | 546,916,752  | 2.86%                         | 48.00%               |
| 2029                 | 25,000,000         | 5.50%                | -                     | -                | 20,528,815               | 24,625,000               | 20,528,815                    | 45,153,815         | 655,653,710                | 33,842,826   | 580,759,577  | 2.86%                         | 48.00%               |
| 2030                 | 25,000,000         | 5.50%                | -                     | -                | 20,920,274               | 24,625,000               | 20,920,274                    | 45,545,274         | 701,198,984                | 33,325,743   | 614,085,320  | 2.86%                         | 48.00%               |
| 2031                 | 25,000,000         | 5.50%                | -                     | -                | 21,231,871               | 24,625,000               | 21,231,871                    | 45,856,871         | 747,055,855                | 32,757,088   | 646,842,408  | 2.86%                         | 48.00%               |
| 2032                 | 25,000,000         | 5.75%                | -                     | -                | 21,597,962               | 24,625,000               | 21,597,962                    | 46,222,962         | 793,278,817                | 32,234,652   | 679,077,060  | 3.04%                         | 47.13%               |
| 2033                 | 25,000,000         | 5.75%                | -                     | -                | 21,678,888               | 24,625,000               | 21,678,888                    | 46,303,888         | 839,582,706                | 31,524,414   | 710,601,474  | 3.04%                         | 47.13%               |
| 2034                 | 25,000,000         | 5.75%                | -                     | -                | 21,724,010               | 24,625,000               | 21,724,010                    | 46,349,010         | 885,931,716                | 30,805,933   | 741,407,408  | 3.04%                         | 47.13%               |
| 2035                 | 25,000,000         | 5.75%                | -                     | -                | 20,379,888               | 24,625,000               | 20,379,888                    | 45,004,888         | 930,936,604                | 29,202,360   | 770,609,767  | 3.04%                         | 47.13%               |
| 2036                 | 25,000,000         | 5.75%                | -                     | -                | 19,641,663               | 24,625,000               | 19,641,663                    | 44,266,663         | 975,203,267                | 28,041,381   | 798,651,148  | 3.04%                         | 47.13%               |
| <b>TOTAL</b>         | <b>545,000,000</b> |                      | <b>18,060,980</b>     | <b>5,087,600</b> | <b>348,959,667</b>       | <b>536,825,000</b>       | <b>438,378,267</b>            | <b>975,203,267</b> |                            | <b>798,651,148</b>                                   |  |                               |                      |

(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.

|                                     |             |
|-------------------------------------|-------------|
| Proof of Perpetuity in Final Year:  | 6/1/2057    |
| To-Date Capitalization to Preserve: | 185,637,867 |
| Assumed Future Capitalization:      | 23,148,580  |
| Total Preservation Requirement:     | 208,786,447 |
| Equity Fund Balance on 6/1/2057:    | 209,934,541 |
| Perpetuity Excess/(Shortfall):      | 1,148,094   |

Arkansas Development Finance Authority  
Drinking Water SRF  
2016 Capacity Analysis (Max Bond Issuance: FY2017 & Max Direct Loan)

*Projected Drinking Water Debt Service Coverage*

| FYE  | Net<br>Revenue       | Total<br>Debt Service | Excess<br>Available | Transfer (to)/from<br>Equity Fund | Coverage |
|------|----------------------|-----------------------|---------------------|-----------------------------------|----------|
| 2017 | 12,232,815           | 2,801,238             | 9,431,577           | (9,431,577)                       | 4.37x    |
| 2018 | 13,941,260           | 5,465,738             | 8,475,523           | (8,475,523)                       | 2.55x    |
| 2019 | 19,662,155           | 9,230,710             | 10,431,445          | (10,431,445)                      | 2.13x    |
| 2020 | 23,500,468           | 10,923,456            | 12,577,012          | (12,577,012)                      | 2.15x    |
| 2021 | 27,181,469           | 12,724,610            | 14,456,859          | (14,456,859)                      | 2.14x    |
| 2022 | 30,249,664           | 14,566,621            | 15,683,043          | (15,683,043)                      | 2.08x    |
| 2023 | 32,965,175           | 16,540,186            | 16,424,989          | (16,424,989)                      | 1.99x    |
| 2024 | 35,793,115           | 18,556,493            | 17,236,622          | (17,236,622)                      | 1.93x    |
| 2025 | 38,500,367           | 20,528,476            | 17,971,891          | (17,971,891)                      | 1.88x    |
| 2026 | 40,888,066           | 22,516,709            | 18,371,356          | (18,371,356)                      | 1.82x    |
| 2027 | 43,429,659           | 23,658,080            | 19,771,579          | (19,771,579)                      | 1.84x    |
| 2028 | 45,915,337           | 25,490,938            | 20,424,399          | (20,424,399)                      | 1.80x    |
| 2029 | 47,335,486           | 26,806,672            | 20,528,815          | (20,528,815)                      | 1.77x    |
| 2030 | 49,818,929           | 28,898,655            | 20,920,274          | (20,920,274)                      | 1.72x    |
| 2031 | 52,222,509           | 30,990,638            | 21,231,871          | (21,231,871)                      | 1.69x    |
| 2032 | 54,680,584           | 33,082,621            | 21,597,962          | (21,597,962)                      | 1.65x    |
| 2033 | 56,915,993           | 35,237,105            | 21,678,888          | (21,678,888)                      | 1.62x    |
| 2034 | 59,096,702           | 37,372,692            | 21,724,010          | (21,724,010)                      | 1.58x    |
| 2035 | 59,888,168           | 39,508,280            | 20,379,888          | (20,379,888)                      | 1.52x    |
| 2036 | 61,285,531           | 41,643,867            | 19,641,663          | (19,641,663)                      | 1.47x    |
| 2037 | 63,347,734           | 43,779,455            | 19,568,280          | (19,568,280)                      | 1.45x    |
| 2038 | 63,988,053           | 44,477,542            | 19,510,511          | (19,510,511)                      | 1.44x    |
| 2039 | 57,629,132           | 39,326,820            | 18,302,313          | (18,302,313)                      | 1.47x    |
| 2040 | 53,990,140           | 37,446,324            | 16,543,816          | (16,543,816)                      | 1.44x    |
| 2041 | 50,100,902           | 35,524,420            | 14,576,482          | (14,576,482)                      | 1.41x    |
| 2042 | 46,913,512           | 33,560,658            | 13,352,854          | (13,352,854)                      | 1.40x    |
| 2043 | 44,199,151           | 31,554,594            | 12,644,557          | (12,644,557)                      | 1.40x    |
| 2044 | 41,566,873           | 29,505,787            | 12,061,086          | (12,061,086)                      | 1.41x    |
| 2045 | 38,843,259           | 27,413,803            | 11,429,456          | (11,429,456)                      | 1.42x    |
| 2046 | 36,065,795           | 25,321,820            | 10,743,975          | (10,743,975)                      | 1.42x    |
| 2047 | 33,239,546           | 23,229,837            | 10,009,709          | (10,009,709)                      | 1.43x    |
| 2048 | 30,386,794           | 21,137,854            | 9,248,940           | (9,248,940)                       | 1.44x    |
| 2049 | 27,441,138           | 19,045,870            | 8,395,268           | (8,395,268)                       | 1.44x    |
| 2050 | 24,452,169           | 16,953,887            | 7,498,282           | (7,498,282)                       | 1.44x    |
| 2051 | 21,456,272           | 14,861,904            | 6,594,368           | (6,594,368)                       | 1.44x    |
| 2052 | 18,434,402           | 12,769,921            | 5,664,481           | (5,664,481)                       | 1.44x    |
| 2053 | 15,391,858           | 10,677,937            | 4,713,921           | (4,713,921)                       | 1.44x    |
| 2054 | 12,273,448           | 8,542,350             | 3,731,098           | (3,731,098)                       | 1.44x    |
| 2055 | 9,149,578            | 6,406,762             | 2,742,815           | (2,742,815)                       | 1.43x    |
| 2056 | 6,022,663            | 4,271,175             | 1,751,488           | (1,751,488)                       | 1.41x    |
| 2057 | 2,986,430            | 2,135,587             | 850,842             | (850,842)                         | 1.40x    |
|      | <u>1,503,382,300</u> | <u>944,488,091</u>    | <u>558,894,209</u>  | <u>(558,894,209)</u>              |          |

**Arkansas Development Finance Authority**  
**Drinking Water SRF**  
**2016 Capacity Analysis (Max Bond Issuance: FY2017 & Max Direct Loan)**

***Drinking Water - Revenue Fund***

| FYE  | Existing<br>Loan<br>Repayments | <u>Future Pledged Loans</u> |                      | Revenue Fund<br>Earnings @<br>0.00% | Total<br>Net Revenues<br>for Debt Service |
|------|--------------------------------|-----------------------------|----------------------|-------------------------------------|---|
|      |                                | Leveraged<br>Repayments     | Direct<br>Repayments |                                     |   |
| 2017 | 12,232,815                     | -                           | -                    | -                                   | 12,232,815                                |
| 2018 | 12,059,765                     | 1,247,995                   | 633,500              | -                                   | 13,941,260                                |
| 2019 | 12,234,343                     | 4,629,873                   | 2,797,939            | -                                   | 19,662,155                                |
| 2020 | 12,328,342                     | 6,176,267                   | 4,995,859            | -                                   | 23,500,468                                |
| 2021 | 12,425,184                     | 7,749,929                   | 7,006,356            | -                                   | 27,181,469                                |
| 2022 | 12,524,968                     | 9,347,639                   | 8,377,057            | -                                   | 30,249,664                                |
| 2023 | 12,627,789                     | 10,973,080                  | 9,364,306            | -                                   | 32,965,175                                |
| 2024 | 12,733,707                     | 12,623,054                  | 10,436,353           | -                                   | 35,793,115                                |
| 2025 | 12,694,133                     | 14,256,891                  | 11,549,343           | -                                   | 38,500,367                                |
| 2026 | 12,283,339                     | 15,890,728                  | 12,713,999           | -                                   | 40,888,066                                |
| 2027 | 11,987,259                     | 17,524,565                  | 13,917,835           | -                                   | 43,429,659                                |
| 2028 | 11,580,138                     | 19,158,402                  | 15,176,797           | -                                   | 45,915,337                                |
| 2029 | 10,035,961                     | 20,792,239                  | 16,507,287           | -                                   | 47,335,486                                |
| 2030 | 9,527,448                      | 22,426,075                  | 17,865,405           | -                                   | 49,818,929                                |
| 2031 | 8,923,935                      | 24,059,912                  | 19,238,661           | -                                   | 52,222,509                                |
| 2032 | 8,351,229                      | 25,693,749                  | 20,635,606           | -                                   | 54,680,584                                |
| 2033 | 7,450,423                      | 27,371,911                  | 22,093,660           | -                                   | 56,915,993                                |
| 2034 | 6,510,261                      | 29,033,225                  | 23,553,216           | -                                   | 59,096,702                                |
| 2035 | 4,176,485                      | 30,694,539                  | 25,017,144           | -                                   | 59,888,168                                |
| 2036 | 2,487,795                      | 32,355,853                  | 26,441,883           | -                                   | 61,285,531                                |
| 2037 | 1,536,207                      | 34,017,167                  | 27,794,360           | -                                   | 63,347,734                                |
| 2038 | 535,802                        | 34,929,881                  | 28,522,369           | -                                   | 63,988,053                                |
| 2039 | 418,156                        | 30,790,046                  | 26,420,930           | -                                   | 57,629,132                                |
| 2040 | 422,115                        | 29,285,514                  | 24,282,510           | -                                   | 53,990,140                                |
| 2041 | 235,892                        | 27,756,177                  | 22,108,833           | -                                   | 50,100,902                                |
| 2042 | 205,003                        | 26,200,330                  | 20,508,179           | -                                   | 46,913,512                                |
| 2043 | -                              | 24,619,214                  | 19,579,937           | -                                   | 44,199,151                                |
| 2044 | -                              | 23,011,102                  | 18,555,771           | -                                   | 41,566,873                                |
| 2045 | -                              | 21,377,265                  | 17,465,994           | -                                   | 38,843,259                                |
| 2046 | -                              | 19,743,428                  | 16,322,367           | -                                   | 36,065,795                                |
| 2047 | -                              | 18,109,591                  | 15,129,955           | -                                   | 33,239,546                                |
| 2048 | -                              | 16,475,754                  | 13,911,039           | -                                   | 30,386,794                                |
| 2049 | -                              | 14,841,918                  | 12,599,221           | -                                   | 27,441,138                                |
| 2050 | -                              | 13,208,081                  | 11,244,088           | -                                   | 24,452,169                                |
| 2051 | -                              | 11,574,244                  | 9,882,028            | -                                   | 21,456,272                                |
| 2052 | -                              | 9,940,407                   | 8,493,995            | -                                   | 18,434,402                                |
| 2053 | -                              | 8,306,570                   | 7,085,288            | -                                   | 15,391,858                                |
| 2054 | -                              | 6,645,256                   | 5,628,191            | -                                   | 12,273,448                                |
| 2055 | -                              | 4,983,942                   | 4,165,635            | -                                   | 9,149,578                                 |
| 2056 | -                              | 3,322,628                   | 2,700,035            | -                                   | 6,022,663                                 |
| 2057 | -                              | 1,661,314                   | 1,325,116            | -                                   | 2,986,430                                 |
|      | 208,528,495                    | 712,805,757                 | 582,048,047          | -                                   | 1,503,382,300                             |



**Arkansas Development Finance Authority**  
**Drinking Water SRF**  
2016 Capacity Analysis (Max Bond Issuance: FY2017 & Max Direct Loan)

**Drinking Water - Equity Fund**

| FYE  | Beginning Balance | Transfers (to)/from Revenue Fund | Interest Earnings @ 0.00% | Future Direct Loan Funding (Pledged) | Net Available Cap Grants & State Match | Ending Balance |
|------|-------------------|----------------------------------|---------------------------|--------------------------------------|--|----------------|
| 2017 | 66,270,020        | 9,431,577                        | -                         | (35,000,000)                         | 11,574,290                             | 52,275,887     |
| 2018 | 52,275,887        | 8,475,523                        | -                         | (35,000,000)                         | 11,574,290                             | 37,325,700     |
| 2019 | 37,325,700        | 10,431,445                       | -                         | (35,000,000)                         | -                                      | 12,757,145     |
| 2020 | 12,757,145        | 12,577,012                       | -                         | (25,334,157)                         | -                                      | -              |
| 2021 | -                 | 14,456,859                       | -                         | (14,456,859)                         | -                                      | -              |
| 2022 | -                 | 15,683,043                       | -                         | (15,683,043)                         | -                                      | -              |
| 2023 | -                 | 16,424,989                       | -                         | (16,424,989)                         | -                                      | -              |
| 2024 | -                 | 17,236,622                       | -                         | (17,236,622)                         | -                                      | -              |
| 2025 | -                 | 17,971,891                       | -                         | (17,971,891)                         | -                                      | -              |
| 2026 | -                 | 18,371,356                       | -                         | (18,371,356)                         | -                                      | -              |
| 2027 | -                 | 19,771,579                       | -                         | (19,771,579)                         | -                                      | -              |
| 2028 | -                 | 20,424,399                       | -                         | (20,424,399)                         | -                                      | -              |
| 2029 | -                 | 20,528,815                       | -                         | (20,528,815)                         | -                                      | -              |
| 2030 | -                 | 20,920,274                       | -                         | (20,920,274)                         | -                                      | -              |
| 2031 | -                 | 21,231,871                       | -                         | (21,231,871)                         | -                                      | -              |
| 2032 | -                 | 21,597,962                       | -                         | (21,597,962)                         | -                                      | -              |
| 2033 | -                 | 21,678,888                       | -                         | (21,678,888)                         | -                                      | -              |
| 2034 | -                 | 21,724,010                       | -                         | (21,724,010)                         | -                                      | -              |
| 2035 | -                 | 20,379,888                       | -                         | (20,379,888)                         | -                                      | -              |
| 2036 | -                 | 19,641,663                       | -                         | (19,641,663)                         | -                                      | -              |
| 2037 | -                 | 19,568,280                       | -                         | -                                    | -                                      | 19,568,280     |
| 2038 | 19,568,280        | 19,510,511                       | -                         | -                                    | -                                      | 39,078,791     |
| 2039 | 39,078,791        | 18,302,313                       | -                         | -                                    | -                                      | 57,381,103     |
| 2040 | 57,381,103        | 16,543,816                       | -                         | -                                    | -                                      | 73,924,920     |
| 2041 | 73,924,920        | 14,576,482                       | -                         | -                                    | -                                      | 88,501,402     |
| 2042 | 88,501,402        | 13,352,854                       | -                         | -                                    | -                                      | 101,854,255    |
| 2043 | 101,854,255       | 12,644,557                       | -                         | -                                    | -                                      | 114,498,813    |
| 2044 | 114,498,813       | 12,061,086                       | -                         | -                                    | -                                      | 126,559,899    |
| 2045 | 126,559,899       | 11,429,456                       | -                         | -                                    | -                                      | 137,989,354    |
| 2046 | 137,989,354       | 10,743,975                       | -                         | -                                    | -                                      | 148,733,329    |
| 2047 | 148,733,329       | 10,009,709                       | -                         | -                                    | -                                      | 158,743,038    |
| 2048 | 158,743,038       | 9,248,940                        | -                         | -                                    | -                                      | 167,991,978    |
| 2049 | 167,991,978       | 8,395,268                        | -                         | -                                    | -                                      | 176,387,246    |
| 2050 | 176,387,246       | 7,498,282                        | -                         | -                                    | -                                      | 183,885,528    |
| 2051 | 183,885,528       | 6,594,368                        | -                         | -                                    | -                                      | 190,479,896    |
| 2052 | 190,479,896       | 5,664,481                        | -                         | -                                    | -                                      | 196,144,377    |
| 2053 | 196,144,377       | 4,713,921                        | -                         | -                                    | -                                      | 200,858,298    |
| 2054 | 200,858,298       | 3,731,098                        | -                         | -                                    | -                                      | 204,589,396    |
| 2055 | 204,589,396       | 2,742,815                        | -                         | -                                    | -                                      | 207,332,211    |
| 2056 | 207,332,211       | 1,751,488                        | -                         | -                                    | -                                      | 209,083,699    |
| 2057 | 209,083,699       | 850,842                          | -                         | -                                    | -                                      | 209,934,541    |
|      |                   | 558,894,209                      | -                         | (438,378,267)                        | 23,148,580                             |                |

**Arkansas Development Finance Authority**
**Drinking Water SRF**

2016 Capacity Analysis (Max Bond Issuance: FY2017 &amp; Max Direct Loan)

**Drinking Water - Existing Loan Breakdown (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   |
| 2017 | 8,771,684                         | 3,461,130  | -           | -        | 8,771,684                  | 3,461,130  | 12,232,815  |
| 2018 | 8,753,103                         | 3,306,662  | -           | -        | 8,753,103                  | 3,306,662  | 12,059,765  |
| 2019 | 9,081,727                         | 3,152,616  | -           | -        | 9,081,727                  | 3,152,616  | 12,234,343  |
| 2020 | 9,359,804                         | 2,968,538  | -           | -        | 9,359,804                  | 2,968,538  | 12,328,342  |
| 2021 | 9,646,574                         | 2,778,610  | -           | -        | 9,646,574                  | 2,778,610  | 12,425,184  |
| 2022 | 9,942,324                         | 2,582,644  | -           | -        | 9,942,324                  | 2,582,644  | 12,524,968  |
| 2023 | 10,247,344                        | 2,380,445  | -           | -        | 10,247,344                 | 2,380,445  | 12,627,789  |
| 2024 | 10,561,894                        | 2,171,813  | -           | -        | 10,561,894                 | 2,171,813  | 12,733,707  |
| 2025 | 10,736,757                        | 1,957,376  | -           | -        | 10,736,757                 | 1,957,376  | 12,694,133  |
| 2026 | 10,542,502                        | 1,740,836  | -           | -        | 10,542,502                 | 1,740,836  | 12,283,339  |
| 2027 | 10,458,761                        | 1,528,498  | -           | -        | 10,458,761                 | 1,528,498  | 11,987,259  |
| 2028 | 10,259,950                        | 1,320,188  | -           | -        | 10,259,950                 | 1,320,188  | 11,580,138  |
| 2029 | 8,914,689                         | 1,121,272  | -           | -        | 8,914,689                  | 1,121,272  | 10,035,961  |
| 2030 | 8,582,258                         | 945,191    | -           | -        | 8,582,258                  | 945,191    | 9,527,448   |
| 2031 | 8,147,924                         | 776,011    | -           | -        | 8,147,924                  | 776,011    | 8,923,935   |
| 2032 | 7,738,734                         | 612,495    | -           | -        | 7,738,734                  | 612,495    | 8,351,229   |
| 2033 | 6,990,868                         | 459,555    | -           | -        | 6,990,868                  | 459,555    | 7,450,423   |
| 2034 | 6,193,204                         | 317,058    | -           | -        | 6,193,204                  | 317,058    | 6,510,261   |
| 2035 | 3,987,259                         | 189,226    | -           | -        | 3,987,259                  | 189,226    | 4,176,485   |
| 2036 | 2,375,869                         | 111,925    | -           | -        | 2,375,869                  | 111,925    | 2,487,795   |
| 2037 | 1,473,574                         | 62,633     | -           | -        | 1,473,574                  | 62,633     | 1,536,207   |
| 2038 | 499,262                           | 36,541     | -           | -        | 499,262                    | 36,541     | 535,802     |
| 2039 | 391,586                           | 26,570     | -           | -        | 391,586                    | 26,570     | 418,156     |
| 2040 | 404,507                           | 17,608     | -           | -        | 404,507                    | 17,608     | 422,115     |
| 2041 | 226,595                           | 9,297      | -           | -        | 226,595                    | 9,297      | 235,892     |
| 2042 | 201,421                           | 3,583      | -           | -        | 201,421                    | 3,583      | 205,003     |
| 2043 | -                                 | -          | -           | -        | -                          | -          | -           |
| 2044 | -                                 | -          | -           | -        | -                          | -          | -           |
|      | 174,490,174                       | 34,038,321 | -           | -        | 174,490,174                | 34,038,321 | 208,528,495 |



**Arkansas Development Finance Authority**  
**Drinking Water SRF**  
2016 Capacity Analysis (Max Bond Issuance: FY2017 & Max Direct Loan)

*Projected Drinking Water Debt Service*

| FYE  | Existing<br>Series 2011C<br>Drinking Water<br>Debt Service | Future<br>Drinking Water<br>Debt Service | Total<br>Drinking Water<br>Debt Service |
|------|--|--|---|
| 2017 | 2,801,238  | -  | 2,801,238                               |
| 2018 | 2,665,738  | 2,800,000                                | 5,465,738                               |
| 2019 | 3,017,488  | 6,213,223                                | 9,230,710                               |
| 2020 | 2,767,238  | 8,156,218                                | 10,923,456                              |
| 2021 | 2,583,988  | 10,140,622                               | 12,724,610                              |
| 2022 | 2,399,738  | 12,166,884                               | 14,566,621                              |
| 2023 | 2,304,738  | 14,235,448                               | 16,540,186                              |
| 2024 | 2,209,738  | 16,346,755                               | 18,556,493                              |
| 2025 | 2,089,738  | 18,438,739                               | 20,528,476                              |
| 2026 | 1,985,988  | 20,530,722                               | 22,516,709                              |
| 2027 | 1,035,375  | 22,622,705                               | 23,658,080                              |
| 2028 | 776,250  | 24,714,688                               | 25,490,938                              |
| 2029 | -  | 26,806,672                               | 26,806,672                              |
| 2030 | -  | 28,898,655                               | 28,898,655                              |
| 2031 | -  | 30,990,638                               | 30,990,638                              |
| 2032 | -  | 33,082,621                               | 33,082,621                              |
| 2033 | -  | 35,237,105                               | 35,237,105                              |
| 2034 | -  | 37,372,692                               | 37,372,692                              |
| 2035 | -  | 39,508,280                               | 39,508,280                              |
| 2036 | -  | 41,643,867                               | 41,643,867                              |
| 2037 | -  | 43,779,455                               | 43,779,455                              |
| 2038 | -  | 44,477,542                               | 44,477,542                              |
| 2039 | -  | 39,326,820                               | 39,326,820                              |
| 2040 | -  | 37,446,324                               | 37,446,324                              |
| 2041 | -  | 35,524,420                               | 35,524,420                              |
| 2042 | -  | 33,560,658                               | 33,560,658                              |
| 2043 | -  | 31,554,594                               | 31,554,594                              |
| 2044 | -  | 29,505,787                               | 29,505,787                              |
| 2045 | -  | 27,413,803                               | 27,413,803                              |
| 2046 | -  | 25,321,820                               | 25,321,820                              |
| 2047 | -  | 23,229,837                               | 23,229,837                              |
| 2048 | -  | 21,137,854                               | 21,137,854                              |
| 2049 | -  | 19,045,870                               | 19,045,870                              |
| 2050 | -  | 16,953,887                               | 16,953,887                              |
| 2051 | -  | 14,861,904                               | 14,861,904                              |
| 2052 | -  | 12,769,921                               | 12,769,921                              |
| 2053 | -  | 10,677,937                               | 10,677,937                              |
| 2054 | -  | 8,542,350                                | 8,542,350                               |
| 2055 | -  | 6,406,762                                | 6,406,762                               |
| 2056 | -  | 4,271,175                                | 4,271,175                               |
| 2057 | -  | 2,135,587                                | 2,135,587                               |
|      | 26,637,250   | 917,850,841                              | 944,488,091                             |



Arkansas Development Finance Authority  
Drinking Water SRF  
2016 Capacity Analysis (Max Bond Issuance: FY2017 & Max Direct Loan)

Future Pledged Direct Loan Repayment

| Issue Date              | June-17    | June-18    | June-19    | June-20    | June-21    | June-22    | June-23    | June-24    | June-25    | June-26    | June-27    | June-28    | June-29    | June-30    | June-31    | June-32    | June-33    | June-34    | June-35    | June-36    | Total       |
|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| Amount                  | 35,000,000 | 35,000,000 | 35,000,000 | 25,334,157 | 14,456,839 | 15,683,043 | 16,424,989 | 17,236,622 | 17,971,891 | 18,771,356 | 19,771,579 | 20,424,309 | 20,528,815 | 20,920,274 | 21,231,871 | 21,997,962 | 21,678,888 | 21,724,010 | 20,379,888 | 19,641,663 | 438,378,267 |
| Interest Rate           | 1.81%      | 1.99%      | 2.16%      | 2.34%      | 2.51%      | 2.69%      | 2.86%      | 2.86%      | 2.86%      | 2.86%      | 2.86%      | 2.86%      | 2.86%      | 2.86%      | 2.86%      | 3.04%      | 3.04%      | 3.04%      | 3.04%      | 3.04%      |             |
| Interest Start date     | 12/01/17   | 12/01/18   | 12/01/19   | 12/01/20   | 12/01/21   | 12/01/22   | 12/01/23   | 12/01/24   | 12/01/25   | 12/01/26   | 12/01/27   | 12/01/28   | 12/01/29   | 12/01/30   | 12/01/31   | 12/01/32   | 12/01/33   | 12/01/34   | 12/01/35   | 12/01/36   |             |
| Principal Start Date    | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         |             |
| Principal Maturity Date | 06/01/19   | 06/01/20   | 06/01/21   | 06/01/22   | 06/01/23   | 06/01/24   | 06/01/25   | 06/01/26   | 06/01/27   | 06/01/28   | 06/01/29   | 06/01/30   | 06/01/31   | 06/01/32   | 06/01/33   | 06/01/34   | 06/01/35   | 06/01/36   | 06/01/37   | 06/01/38   |             |
| Final Maturity Date     | 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   | 06/01/47   | 06/01/48   | 06/01/49   | 06/01/50   | 06/01/51   | 06/01/52   | 06/01/53   | 06/01/54   | 06/01/55   | 06/01/56   | 06/01/57   |             |
| 06/01/17                | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -           |
| 06/01/18                | 633,500    | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 633,500     |
| 06/01/19                | 2,101,439  | 696,500    | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 2,797,939   |
| 06/01/20                | 2,101,439  | 2,138,420  | 756,000    | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 4,995,859   |
| 06/01/21                | 2,101,439  | 2,138,420  | 2,173,677  | 592,819    | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 7,006,536   |
| 06/01/22                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 362,867    | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 8,377,057   |
| 06/01/23                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 421,874    | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 9,364,306   |
| 06/01/24                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 469,755    | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 10,436,353  |
| 06/01/25                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 492,967    | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 11,549,343  |
| 06/01/26                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 513,996    | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 12,713,999  |
| 06/01/27                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 525,421    | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 13,917,835  |
| 06/01/28                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 565,467    | -          | -          | -          | -          | -          | -          | -          | -          | -          | 15,176,797  |
| 06/01/29                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 584,138    | -          | -          | -          | -          | -          | -          | -          | -          | 16,507,287  |
| 06/01/30                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 597,124    | -          | -          | -          | -          | -          | -          | -          | 17,865,405  |
| 06/01/31                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 598,320    | -          | -          | -          | -          | -          | -          | 19,238,661  |
| 06/01/32                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 607,232    | -          | -          | -          | -          | -          | 20,635,696  |
| 06/01/33                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 656,578    | -          | -          | -          | -          | 22,093,660  |
| 06/01/34                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 650,038    | -          | -          | -          | 23,553,216  |
| 06/01/35                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 660,410    | -          | -          | 25,017,144  |
| 06/01/36                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 619,549    | -          | 26,441,883  |
| 06/01/37                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 597,107    | 27,964,560  |
| 06/01/38                | 2,101,439  | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 28,522,369  |
| 06/01/39                | -          | 2,138,420  | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 26,420,930  |
| 06/01/40                | -          | -          | 2,173,677  | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 22,108,833  |
| 06/01/41                | -          | -          | -          | 1,600,653  | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 20,508,179  |
| 06/01/42                | -          | -          | -          | -          | 928,242    | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 19,576,937  |
| 06/01/43                | -          | -          | -          | -          | -          | 1,024,166  | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 18,555,771  |
| 06/01/44                | -          | -          | -          | -          | -          | -          | 1,089,777  | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 17,465,994  |
| 06/01/45                | -          | -          | -          | -          | -          | -          | -          | 1,433,628  | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 16,322,367  |
| 06/01/46                | -          | -          | -          | -          | -          | -          | -          | -          | 1,392,412  | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 15,129,955  |
| 06/01/47                | -          | -          | -          | -          | -          | -          | -          | -          | -          | 1,218,916  | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 13,911,039  |
| 06/01/48                | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 1,311,819  | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 12,999,221  |
| 06/01/49                | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 1,355,132  | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 11,244,088  |
| 06/01/50                | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 1,362,060  | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 9,882,028   |
| 06/01/51                | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 1,388,033  | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 8,493,995   |
| 06/01/52                | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 1,408,707  | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 7,085,288   |
| 06/01/53                | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 1,457,096  | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 5,628,191   |
| 06/01/54                | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 1,462,556  | 1,465,600  | 1,374,920  | 1,325,116  | 4,165,635   |
| 06/01/55                | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 1,465,600  | 1,374,920  | 1,325,116  | 2,700,035   |
| 06/01/56                | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 1,374,920  | 1,325,116  | 1,325,116   |
| 06/01/57                | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -           |
|                         | 42,662,287 | 43,464,901 | 44,229,546 | 32,605,885 | 18,927,712 | 20,905,199 | 22,265,289 | 23,365,518 | 24,362,230 | 24,903,734 | 26,801,839 | 27,686,786 | 27,828,329 | 28,338,981 | 28,781,374 | 29,798,506 | 29,910,159 | 29,972,413 | 28,117,940 | 27,099,419 | 582,048,046 |



Arkansas Development Finance Authority  
Drinking Water SRF  
2016 Capacity Analysis (Max Bond Issuance: FY2017 & Max Direct Loan)

Future Bond Debt Service

| Issue Date           | Jan-17      | Jan-18     | Jan-19     | Jan-20     | Jan-21     | Jan-22     | Jan-23     | Jan-24     | Jan-25     | Jan-26     | Jan-27     | Jan-28     | Jan-29     | Jan-30     | Jan-31     | Jan-32     | Jan-33     | Jan-34     | Jan-35     | Jan-36     | Total              |
|----------------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------------|
| Amount               | 70,000,000  | 25,000,000 | 25,000,000 | 25,000,000 | 25,000,000 | 25,000,000 | 25,000,000 | 25,000,000 | 25,000,000 | 25,000,000 | 25,000,000 | 25,000,000 | 25,000,000 | 25,000,000 | 25,000,000 | 25,000,000 | 25,000,000 | 25,000,000 | 25,000,000 | 25,000,000 | 545,000,000        |
| Interest Rate        | 4.00%       | 4.25%      | 4.50%      | 4.75%      | 5.00%      | 5.25%      | 5.50%      | 5.50%      | 5.50%      | 5.50%      | 5.50%      | 5.50%      | 5.50%      | 5.50%      | 5.50%      | 5.75%      | 5.75%      | 5.75%      | 5.75%      | 5.75%      |                    |
| Interest Start Date  | 12/01/17    | 12/01/18   | 12/01/19   | 12/01/20   | 12/01/21   | 12/01/22   | 12/01/23   | 12/01/24   | 12/01/25   | 12/01/26   | 12/01/27   | 12/01/28   | 12/01/29   | 12/01/30   | 12/01/31   | 12/01/32   | 12/01/33   | 12/01/34   | 12/01/35   | 12/01/36   |                    |
| Principal Periods    | 20          | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         | 20         |                    |
| Principal Start Date | 06/01/19    | 06/01/20   | 06/01/21   | 06/01/22   | 06/01/23   | 06/01/24   | 06/01/25   | 06/01/26   | 06/01/27   | 06/01/28   | 06/01/29   | 06/01/30   | 06/01/31   | 06/01/32   | 06/01/33   | 06/01/34   | 06/01/35   | 06/01/36   | 06/01/37   | 06/01/38   |                    |
| Final Maturity Date  | 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   | 06/01/47   | 06/01/48   | 06/01/49   | 06/01/50   | 06/01/51   | 06/01/52   | 06/01/53   | 06/01/54   | 06/01/55   | 06/01/56   | 06/01/57   | Total Debt Service |
| 06/01/17             | -           | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -                  |
| 06/01/18             | 2,800,000   | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 2,800,000          |
| 06/01/19             | 5,150,723   | 1,062,500  | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 6,213,223          |
| 06/01/20             | 5,150,723   | 1,880,496  | 1,125,000  | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 8,156,218          |
| 06/01/21             | 5,150,723   | 1,880,496  | 1,921,904  | 1,187,500  | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 10,140,622         |
| 06/01/22             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 1,250,000  | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 12,166,884         |
| 06/01/23             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 1,312,500  | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 14,235,448         |
| 06/01/24             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 1,375,000  | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 16,346,755         |
| 06/01/25             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 1,375,000  | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 18,438,739         |
| 06/01/26             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 1,375,000  | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 20,530,722         |
| 06/01/27             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 1,375,000  | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 22,622,705         |
| 06/01/28             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 1,375,000  | -          | -          | -          | -          | -          | -          | -          | -          | -          | 24,714,688         |
| 06/01/29             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 1,375,000  | -          | -          | -          | -          | -          | -          | -          | -          | 26,806,672         |
| 06/01/30             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 1,375,000  | -          | -          | -          | -          | -          | -          | -          | 28,898,655         |
| 06/01/31             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 1,375,000  | -          | -          | -          | -          | -          | -          | 30,990,638         |
| 06/01/32             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 1,375,000  | -          | -          | -          | -          | -          | 33,082,621         |
| 06/01/33             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 1,437,500  | -          | -          | -          | -          | 35,174,105         |
| 06/01/34             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 1,437,500  | -          | -          | -          | 37,272,692         |
| 06/01/35             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 1,437,500  | -          | -          | 39,368,280         |
| 06/01/36             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 1,437,500  | -          | 41,464,867         |
| 06/01/37             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 1,437,500  | 43,559,455         |
| 06/01/38             | 5,150,723   | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 44,477,542         |
| 06/01/39             | -           | 1,880,496  | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 39,528,820         |
| 06/01/40             | -           | -          | 1,921,904  | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 37,446,324         |
| 06/01/41             | -           | -          | -          | 1,963,762  | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 35,424,420         |
| 06/01/42             | -           | -          | -          | -          | 2,006,065  | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 33,560,658         |
| 06/01/43             | -           | -          | -          | -          | -          | 2,048,807  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 31,554,904         |
| 06/01/44             | -           | -          | -          | -          | -          | -          | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 29,505,787         |
| 06/01/45             | -           | -          | -          | -          | -          | -          | -          | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 27,413,803         |
| 06/01/46             | -           | -          | -          | -          | -          | -          | -          | -          | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 25,321,820         |
| 06/01/47             | -           | -          | -          | -          | -          | -          | -          | -          | -          | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 23,229,837         |
| 06/01/48             | -           | -          | -          | -          | -          | -          | -          | -          | -          | -          | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 21,137,854         |
| 06/01/49             | -           | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 19,045,870         |
| 06/01/50             | -           | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 16,953,887         |
| 06/01/51             | -           | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 14,861,904         |
| 06/01/52             | -           | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 2,091,983  | 12,769,921         |
| 06/01/53             | -           | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 2,135,587  | 2,135,587  | 2,135,587  | 2,135,587  | 2,135,587  | 10,677,937         |
| 06/01/54             | -           | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 2,135,587  | 2,135,587  | 2,135,587  | 2,135,587  | 8,542,350          |
| 06/01/55             | -           | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 2,135,587  | 2,135,587  | 2,135,587  | 6,406,762          |
| 06/01/56             | -           | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 2,135,587  | 2,135,587  | 4,271,175          |
| 06/01/57             | -           | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | 2,135,587  | 2,135,587          |
|                      | 105,814,450 | 38,672,417 | 39,563,072 | 40,462,734 | 41,371,294 | 42,288,642 | 43,214,665 | 43,214,665 | 43,214,665 | 43,214,665 | 43,214,665 | 43,214,665 | 43,214,665 | 43,214,665 | 43,214,665 | 44,149,249 | 44,149,249 | 44,149,249 | 44,149,249 | 44,149,249 | 917,850,841        |

# APPENDIX

# D

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



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

**ANNUAL DWSRF REPORT**  
**STATE FISCAL YEAR 2016**  
(JULY 1, 2015 through JUNE 30, 2016)

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## **I. INTRODUCTION**

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

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

The purpose of this document is to present program activity progress and expenditures during State Fiscal Year 2016. A table is included in Attachment 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% 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 and SRF-15 work plans and a portion of the State Program Management Set-Aside in the SRF-09, SRF-10 and SRF-12 work plans. The summary table in Attachment A shows expenditures during SFY15.

Under this set-aside, Engineering must provide a dollar-for-dollar match to use these funds. Half of the State match is to be in addition to the amount the State expended for public water supply supervision in FY93 and not include any funds used to match other federal grants. The state used unmatched funds from its annual public water system fee program to match the set-aside funds. In FY93 the State expended \$1,279,113 of State funds in its Public Water System Supervision Program (PWSSP).

For SFY16 Engineering budgeted \$1,921,645 and expended \$1,394,985 from the Public Water System program (State funds). Of this amount, \$996,063 was available for match against the SPM set-aside once PWSS (Water Grant) match funds were taken out. The FY93 credit plus the available State funds total \$2,275,176. For SFY16 Engineering expended \$1,538,029 from the SPM set-aside. This should demonstrate that sufficient unmatched state funding was available to cover the 1:1 match requirement for this set-aside.

The matching funds were supplied in the form of in-kind services for work performed using PWS Fees. In-kind services included such activities as sanitary surveys, plan reviews, technical assistance, enforcement/compliance issues, operator training and certification activities, staff training, associated travel, office support, etc. performed by staff members. The percentages for O&M and travel worked out to be about the same as for the set-aside funded positions. The match-positions and job duties are discussed in a later portion of this section.

Other expenditures from this set-aside includes such items as office equipment and supplies, staff training and travel, PCs, upgrades to the Section's LAN system, routine O&M, etc. Refer to Attachment B for a more detailed listing of items.

The Goals and Objectives, Proposed Outputs and Deliverables as outlined in the work plan and the SFY15 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 the 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 report 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   |

|  |                           |                             |
|--|---------------------------|-----------------------------|
| OBJECTIVE 1: Provide public water system supervision to ensure compliance with the SDWA .  | Administering Agency: ADH | Task Performing Agency: ADH |
| 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. Conversion of Engineering's legacy system to SDWIS/State. (Operator Certification, Bacteriological Sample tracking, Sanitary Survey Tracking)   | ADH                       | On-going                    |
| Deliverable: Annual Reports to EPA (to include report on progress toward goals identified in the <i>Intended Use Plan</i> and an assessment of work plan activity achievements); EPA's Annual PWSS Program Evaluation. |                           |                             |

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

| Output Type   | Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.  | Deliverables outlined in Work Plan.  | SFY 16 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:<br>Violation Determined - 975 and PN requested – 607, PN verification received 516, WAOs – 70; AOs – 50 , CO – 44  |
|               | Conversion of Engineering's legacy data systems to SDWIS/State. These databases will include: Water Operator Certification tracking, Bacteriological Monitoring Bottle Mailings, Sanitary Survey tracking, Boil Water Order Notification tracking, and SWAP applications. | SDWIS/Fed reporting of all Inventory, Violations, Enforcement, Monitoring and Milestone data within 45 days of end of each quarter                     | SDWIS / Fed reporting completed quarterly as required.<br>Deadlines for submittal: 8/15/15, 11/15/15, 2/15/16, 5/15/16<br>Dates submitted: 8/6/15, 11/12/15, 2/6/16, 5/9/16<br><br>Upgrade to the most current versions of SDWIS/State, FedRep, Lab to State and XML Sampling is on-going. |
|               |   | All State reports required under the SDWA will be submitted and within the required timeframes.  | Annual and miscellaneous reports 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. 225 plans)   | Log and track an estimated 1500 plans and specifications annually  | 1202 total plans received, logged and tracked resulting in 1929 total reviews.   |
|               |   | Field Surveillance Staff - Review an estimated 200 plans and specifications  | Field Surveillance Staff:<br><ul style="list-style-type: none"> <li>SPM funded positions conducted 593 review assignments on 264 plans</li> <li>SPM state match positions –conducted 153 review assignments on 65 plans</li> </ul>   |
|               |   | Technical Support Staff – Review and an estimated 25 plans and specifications  | Technical Support Staff -- SPM funded Positions<br><ul style="list-style-type: none"> <li>Reviewed 9 corrosion control plans</li> <li>Reviewed 141 OEL reports</li> <li>Conducted evaluations and made 3 GWUDI determinations</li> </ul>   |
| Environmental | 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.) | 129 Sanitary surveys completed by SPM funded Field Surveillance staff positions;<br>15 Sanitary surveys completed by SPM state match Field Surveillance staff positions;   |
|               |   | Complete more than 90% of sanitary surveys that are due in the scheduled year. (An estimated 50 surveys to be completed by Technical Support staff.)   | SPM funded Technical Support Staff<br><ul style="list-style-type: none"> <li>34 Sanitary surveys completed by SPM funded Technical Support Staff.</li> <li>SPM funded Technical Support Staff also participated in 0 CPEs &amp; 4 Quarterly AWOP meetings.</li> </ul>                      |

| Output Type   | Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.   | Deliverables outlined in Work Plan.   | SFY 16 Outputs   |
|---------------|--|---|--|
| Environmental | Conducting sanitary surveys and other inspections at PWSs<br>(Continued)   | Other Inspections / Investigations at PWSs  | <ul style="list-style-type: none"> <li>SPM funded Field Surveillance Staff provided direct one-on-one technical assistance on 74 occasions</li> <li>SPM state match positions – conducted 23 technical assistance visits.</li> </ul>   |
| 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 implementation on schedule and generally ahead of schedule.</p> <ul style="list-style-type: none"> <li>LT2 Bin 2 compliance is being monitored monthly for 7 PWS's. All seven of the Bin 2 Systems (4 large and 3 small) are obtaining 1.0-log of credit by documenting treatment performance in their combined and individual filters.</li> <li>Capital Improvement extensions granted under Stage 2 are now over and all systems are being monitored for compliance.</li> <li>Stage 1 &amp; 2 DBP -- 53 monitoring plans completed / approved, letters advising systems of DPB results sent to PWSs – 634 Stage 1 &amp; 2652 Stage 2 compliance status letters.</li> <li>A total of 143 OEL exceedance notifications were issued and 141 OEL reports were reviewed.</li> </ul> |
| Environmental | Training and technical assistance for water system operators and managers specific to new/upcoming SDWA requirements. Assistance will be provided in classroom and one-on-one settings, as well as by mail outs. | ADH sponsored water operator training for new/upcoming SDWA regulations.                              | SPM funded Field Surveillance Staff provided direct one-on-one technical assistance on 206 occasions.  |
|               | Technical assistance to water operators.   | Provide technical assistance to operators   | Combined Man-hours of Technical Assistance, Complaint Investigation; and Operator Training:<br>SPM funded Field Surveillance Staff – 2383 man-hours<br>SPM state match positions – 4533 man-hours  |
|               |  | Document technical assistance and ADH sponsored training sessions (est. 24 training session per year) | 18 mandatory compliance schools were offered with 337 operators in attendance.   |
|               |  | Oversight and coordination of an estimated two (2) fluoride schools/year                              | Conducted one (1) fluoride start-up inspections with associated technical assistance. Two (2) training sessions specific to fluoride were conducted.   |

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

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

| Outcome Type  | Quantitative Description of Outcome  | SFY 16   |
|---------------|--|--|
| Programmatic  | ADH retains primacy of SDWA and completes all required reports   | Primacy maintained and all required reports were completed.                  |
| Environmental | 85% of the community PWSs in the State will meet all applicable health-based drinking water standards. | 87% of Community Water Systems met all health based standards during SFY 16. |
| Programmatic  | Maintain certified operators at 90% of community PWSs.   | 98% of Community PWSs maintained operator certification during SFY 16.       |

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

## SUMMARY

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.

## SMALL SYSTEM TECHNICAL ASSISTANCE

Section 1452(g)(2) allows the State to use up to 2% of its capitalization grant for implementing technical assistance activities of Section 1442(e). Engineering requested the full amount of Small System Technical Assistance (SSTA) Set-Aside funds in its SRF-07 work plan. Engineering reserved or banked 2% of the funds from the SRF-08, SRF-09, SRF-10, SRF-11, SRF-12, SRF-13, SRF-14 & SRF-15 capitalization grants for future use. 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.

This 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 SFY12. These contracts became effective on July 1, 2011. 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 also awarded to Arkansas Rural Water Association. 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 hours 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 SFY16 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 insure adequate capacity development at each water system for the future.   | Administering Agency: ADH | Task Performing Agency: ADH                             |
|---|---------------------------|---|
|   |                           | SDWA Citation: 1452(g)(2)                               |
| Activities (Outputs)  | Collaborators             | Schedule for Completing Activities - Rate of Completion |
| 1. Perform assessment of each new potential water system to determine if it meets technical, managerial, and financial (TMF) capacity.                        | ADH, PWS                  | On-going  |
| 2. Perform a TMF assessment of each existing community water system and non-transient non-community water system and rank them based on their TMF assessment. | ADH                       | On-going  |

|   |                      |                                    |
|---|----------------------|------------------------------------|
| <b>OBJECTIVE 1: To insure adequate capacity development at each water system for the future.</b>  | <b>Administering</b> | <b>Task Performing Agency: ADH</b> |
| 3. Provided assistance to PWSs to improve their TMF capacity. Priority will be given to the systems with the most need.   | ADH, Contractors     | On-going                           |
| 4. Track PWSS Progress towards meeting TMF capacity.  | ADH                  | On-going                           |
| <b>Deliverable: Annual Reports to EPA (to include report on progress toward goals identified in the <i>Intended Use Plan</i> and an assessment of work plan activity achievements); EPA's Annual PWSS Program Evaluation.</b> |                      |                                    |

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

| Output Type   | Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.  | Deliverables outlined in Work Plan.   | SFY 16 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. (Re-portable's includes: names of systems contacted & number of on-site visits made, assessment reports completed, strategies developed, man-hours on-site technical assistance rendered, participation in CPEs, and the status of systems following through in implementing the corrective action plans.) | <p>The Contractor submitted a database each month detailing man-hours claimed to the Section along with requests for payment based upon the contract unit prices. During SFY15 the contractor contributed the following:</p> <p>Financial &amp; Managerial (F&amp;M) Total Hours – 475.5;<br/> Technical &amp; Operational (T&amp;O) Total Hours – 937.<br/> Details below.</p> <ul style="list-style-type: none"> <li>On-site Technical Assistance (man-hours)<br/> F&amp;M - 222.75      T&amp;O - 510.75</li> <li>Technical Assistance Office Hours<br/> F&amp;M - 134.25      T&amp;O - 206.75</li> <li>Travel Hours<br/> F&amp;M - 118.5      T&amp;O – 219.5</li> <li>AWOP Participation<br/> F&amp;M - 1      T&amp;O - 2</li> </ul> |

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

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

| Outcome Type  | Quantitative Description of Outcome | SFY 16   |
|---------------|-------------------------------------|--|
| Environmental | Improve TMF capacity.               | ADH has 3 contracts in place with TA providers to assist small water systems with improving TMF capacity through technical assistance and GIS mapping of infrastructure. |

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

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

Section 1452(k) allows the State to use up to 15% of its capitalization grant for implementing activities under this set-aside. The State plans to use the funds in two primary program areas: Wellhead Protection (WHP) Program implementation (1452(k)(D)) and Capacity Development Strategy assistance (1452(k)(B)). The State requested the full amount of the Local Assistance and Other State Programs Set-Aside (Wellhead Protection Program & Capacity Development) funds in the EPA approved work plans for SRF07, SRF08, SRF09, SRF10, SRF13, SRF 14 and SRF 15. 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 requested 10% for Capacity Development in each of these work plans. The table in Attachment A shows the expenditures for SFY16.

#### 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, UofA, USGS      | On-going  |
| 2. Conversion of GIS data from NAD27 to NAD83.   | ADH                       | On-going  |
| 3. Obtain or develop electronic data for improving the GIS system and Source Water Assessment Model.   | ADH, UofA, USGS           | On-going  |
| 4. Maintain and update the Source Water Assessment Model for providing up to date meaningful protection area reports   | ADH, USGS                 | 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, U of A               | 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   |
| Deliverable: Annual Reports to EPA (to include report on progress toward goals identified in the <i>Intended Use Plan</i> and an assessment of work plan activity achievements); EPA's Annual PWSS Program Evaluation. |                           |   |

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

| Output Type   | Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.   | Deliverables outlined in Work Plan.   | SFY 16 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 535 occasions. Such activities include: direct one-on-one assistance, public and individual outreach activities, mailing of information and reports as requested.   |
|               |  | <ul style="list-style-type: none"> <li>Assistance, as requested, to PWSs in well siting, aquifer identification, and recommended construction features. Estimate: well siting ~ 5 events/year</li> <li>construction recommendations (casing and grout depth, drill cuttings analysis, other) ~ 5 events/year</li> <li>wellhead deficiency surveys ~ 10 events/year</li> </ul> | WHPP staff provided recommendations on construction of twenty nine (29) wells. Recommendations include: aquifer determination, construction depth, casing and grouting depths, etc. Staff reviewed drill cutting on four (4) wells in order to confirm / refine recommendations. 470 wellhead deficiency surveys were conducted at 199 community water system specifically for use in the enhanced 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 (# includes revised delineations where new or better data has become available.   | Twenty-six (26) WHPAs were delineated for Nine (9) PWS and four (4) Phase 1 Reports (for 21 wells) were completed and mailed.  |
| Environmental | Collection of field data (e.g.: PSOC locations, wellhead locations, well construction features, etc.) for input into the GIS system                                  | The ADH staff will assist PWSs in conducting and/or updating 30 contaminant source surveys and complete Phase II WHP reports. An estimated 4 PSOC inventories will be conducted per year.   | Five Phase II (PSOC Survey) Reports for eighteen (18) wells and one surface intake were completed and mailed. PSOC inventories have been conducted for an additional fifty three (53) PWS covering 144 wells, with PSOC Reports (Phase 2) in progress.   |
| 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 128 PSOC maps for ARWA to use during field PSOC inventory collection / verification. Produced 67 PSOC inventory maps for ARWAs WHPP / Distributed fourteen (14) historical SWAP reports for public water systems.  |
| 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 are now using the NAD 83 datum. This is consistent with the Arkansas State Land Board which is the state store house 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.   |



| Output Type  | Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.  | Deliverables outlined in Work Plan.   | SFY 16 Outputs   |
|--------------|---|---|--|
|              |   | Collect GPS and construction data on newly constructed wells (est. 5/year).   | Four (4) new wells were added to the inventory in SFY16. GPS locations were obtained for each and construction information was obtained during plan review process, sanitary surveys, and prep work for WHPA delineations. A total of 474 updates, corrections, or additions.  |
| 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 962 permits were reviewed and comments made to the permitting agency. A breakdown of permit reviews by permit type follows: NPDES – 250, Land Application – 49, with 310 sites plotted as PSOCs, Salt Water Disposal (no discharge)– 38, No discharge –19, Underground Injection Control– 21, Oklahoma NPDES permits – 2, Tech. Review Committee – 86 , Oil & Gas permits – 153, Miscellaneous – 7, including Plains All American Pipeline crossings of multiple surface SWAAs. |
| 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 the University of Ark and USGS, projects have been developed and agreed upon to enhance the SWAP model sensitivity assessments. These projects are design to update 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, investigate computer modeling, etc. A fourth project is planned to incorporate stream time of travel.       |

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

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

| Outcome Type  | Quantitative Description of Outcome  | SFY 16  |
|---------------|--|---|
| Environmental | 50% of community PWSs will have substantially implemented Source Water Protection programs.                    | 381 community PWSs (54.6%) with a population of 1,831,541 (64.5%) 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. | 15 wells were added to inventory and 3 GWUDI determinations were completed; determinations were finalized within 30 days of evaluation being completed. |
| Environmental | 50 Source Water Protection Plans prepared or updated.  | 58 Source Water Protection Plans developed.   |

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

## **SUMMARY**

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

Overall, the principal aims of the WHPP, Phase I (delineation) and Phase II (PSOC inventory) report production, continued to be the main focus of the WHPP, although considerable time was expended on hydrologic analyses and technical assistance for location of well sites and sanitary construction of proposed new wells. Technical assistance to the water systems as needed was also a focus for the program, as was hydrologic analysis and technical assistance frequently

requested by consultants, well drillers, and members of the public. Significant time was also devoted to offsite cooperation with other organizations and agencies interested in wellhead/source water protection, especially the Arkansas Rural Water Association on groundwater protection issues.

Most of the effort in producing WHP delineation reports was spent on collection and verification of the well construction data and hydrologic data included in the reports, followed by calculation of WHPA radii and compilation of the GIS layers for the accompanying maps. There were 26 delineations made or revised at nine (9) public water systems. A roughly equal amount of time was devoted to assistance with inventories of Potential Sources of Contamination (PSOC) within the delineated WHPA and the follow-up work such as creating GIS layers representing the PSOCs identified within each WHPA. PSOC inventories were conducted at fifty-three (53) water systems covering 144 wells with PSOC inventory reports (Phase 2) in progress for each.

## 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*

| Activities (Outputs)  | Administering Agency: ADH | Task Performing Agency: ADH                             |
|---|---------------------------|---|
|   |                           | SDWA Citation: 1452(g)(2)                               |
|   | Collaborators             | Schedule for Completing Activities - Rate of Completion |
| 1. Assistance and training to PWSs with completed capacity assessments that were identified as requiring capacity assistance.   | ADH, PWS, Contractors     | As Needed   |
| 2. Assistance and training to PWSs identified by the ETT.   | ADH, PWS, Contractors     | As Needed   |
| 3. Assistance and training to PWSs to bring about regionalization.  | ADH, PWS, Contractors     | On-going  |
| 4. Assistance and training to PWSs with obtaining a certified operator.   | ADH, PWS, Contractors     | On-going  |
| 5. Board member training to PWS water boards and city councils.   | ADH, Contractors          | On-going  |
| 6. Complete Comprehensive Performance Evaluations on surface water systems that are unable to meet the requirements of the surface water treatment rules, the requirements of the disinfection by-product rules, or request assistance with optimization. | ADH, Contractors          | On-going  |
| 7. Provide PWSs with infrastructure location and mapping services.  | Contractors               | On-going  |
| 8. Provide monthly reports to Engineering containing the names of PWSs assisted and the type and quantity of assistance provided.   | Contractors               | Monthly   |
| <b>Deliverable: Annual Reports to EPA (to include report on progress toward goals identified in the <i>Intended Use Plan</i> and an assessment of work plan activity achievements); EPA's Annual PWSS Program Evaluation.</b>                             |                           |   |

|  |                              |   |
|--|------------------------------|---|
| OBJECTIVE 2: 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:<br>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 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.   |                              |   |

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

| Output Type   | Quantitative/Qualitative Description of Proposed Output outlined in Work Plan.               | Deliverables outlined in Work Plan.  | SFY 16 Outputs   |
|---------------|--|--|--|
| Environmental | Provide on-site technical assistance and training to PWS operators.                          | Provide an estimated 1500 man-hours assistance.  | <ul style="list-style-type: none"> <li>Technical assistance and/or training concerning DBP issues were provided to 35 systems.</li> <li>ADH staff presented sessions at 2 3-day conferences and District Meeting as requested.</li> <li>ADH staff conducted eleven (11) - one day compliance training sessions.</li> <li>9 training sessions were held on cross-connection control policies and procedures.</li> </ul> |
| Environmental | Conduct CCR training.  | Conduct five (5) CCR training sessions for an anticipated 70 PWSs  | Two (2) training classes were held at District Meetings with approximately 30 operators in attendance at each meeting.   |
| Environmental | Draft CCRs for PWSs as requested and provide direct assistance to PWSs developing their own. | Draft CCRs for an anticipated 702 PWSs; Assistance to PWSs drafting their own Newsletter on as needed basis. | Drafted 693 CCR's for community water systems.   |
| Programmatic  | Review, evaluated, and comment, as appropriate, on all CCRs submitted to Engineering         | Anticipate 730 systems will be received and reviewed.  | 703 water systems distributed CCRs to customers.   |
| Environmental | Maintain the current overall compliance with the CCR   |  | Compliance rate was 94%.   |

| Output Type   | Quantitative/Qualitative Description of Proposed Output outlined in Work Plan. | Deliverables outlined in Work Plan.  | SFY 16 Outputs   |
|---------------|--|--|--|
| Programmatic  | Coordinate AWOP efforts  | Provide one FTE to coordinate / conduct 4 CPEs and one PBT training event.     | One staff (position was vacant part of the year) contributed 100% of his time toward coordinating and conducting AWOP activities. <ul style="list-style-type: none"> <li>• 0 CPEs were conducted.</li> <li>• Data Audits was conducted at two (2) surface water treatment plants.</li> <li>• Calibration check made at 40 surface water treatment plants on 277 turbidimeters, 51 pH meters and 88 chlorine analyzers.</li> <li>• ADH Staff participated in AWOP events: 4 attended the National AWOP meeting in Cincinnati, Ohio, 2 attended the AWOP quarterly meeting in Lee's Summit, Missouri, and 5 attended a remote AWOP quarterly meeting held by Adobe Connect.</li> </ul> |
| Programmatic  | Provide operator compliance training courses                                   | Provided 12 operator certification courses operators or operators-in-training. | 18 mandatory Compliance courses were taught at various locations throughout the state. 337 Operators were in attendance.   |
| Programmatic  | Publish Quarterly Newsletter   | Publish four (4) newsletters and distribute approximately 3600 per quarter     | Four (4) newsletters were published with over 3700 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.   |
| Environmental | Coordinate / track mapping contract  | Provide infrastructure location and mapping services for 40 water systems.     | Assessment reports completed –34; man hours GPS work - 1002 man-hours; mapping – 933 man-hours; training – 61 man-hours.   |
| Programmatic  |  | Review and approve any contract invoices and/or deliverables within 30 days.   | 35 systems were mapped. Invoices were reviewed and payment was authorized within 7 days of receipt of final invoice.   |

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

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

| Outcome Type  | Quantitative Description of Outcome   | SFY16   |
|---------------|---|---|
| Environmental | To educate/reassure local PWS customers on the quality/safety of their drinking water.  | 703 water systems distributed CCRs to customers. This was a compliance rate of 94%.   |
| Environmental | Improved distribution water quality provided to the public through cross-connection control program.  | 9 training sessions were held on cross connection control policies and procedures.  |
| Environmental | Improve water quality through treatment plant optimization efforts.   | Our technical assistance providers did not participate in any CPEs in SFY16.  |
| Environmental | 99% of Community and Non-Transient Non-Community water systems will have licensed operators. 50 courses were offered to operators and operators in training. ADH staff presented sessions at 2 3-day conferences. In addition, classes were held on fluoride training, CCR's, and cross-connection control. TA providers went on-site to help with peer-to-peer operator training when necessary. | 98% licensed. Conducted 26 exam sessions, plus on demand computer based exams capability, processed 499 exams, issued 78 Operator in Training certificates, issued 174 new licenses and tracked the renewal of 2072 operators holding 3053 active water operator licenses or Operator in Training Certificates. |

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

## SUMMARY

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

This set-aside also funded or will fund the first two years and part of the third year of the second round cryptosporidium monitoring and analysis using an unspent credit from the first round on LT2ESWTR monitoring. Eighteen (18) sources at eleven (11) water systems were monitored for cryptosporidium, turbidity and E. coli monthly for 12 months (216 samples). Additionally sixty-five (65) systems were monitored monthly for six months for E. coli (~390 samples).

# ATTACHMENT



## Overall Summary of Expenditures and Salary Summary

## Attachment A – AHD Expenditure Summary

| GRANT ID               |                  |             | Jul-15        | Aug-15        | Sep-15        | Oct-15        | Nov-15        | Dec-15        | Jan-16        | Feb-16        | Mar-16        | Apr-16        | May-16        | Jun-16        | Total Expenses  |
|------------------------|------------------|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|
| FS986001-16<br>DWSRF13 | CD               | Salaries    | \$ 63,792.10  | \$ 63,962.23  | \$ 62,291.89  | \$ 91,463.96  | \$ 58,145.09  | \$ 52,660.29  | \$ 51,357.13  | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 443,672.69   |
|                        |                  | Fringe      | \$ 20,510.46  | \$ 20,629.32  | \$ 20,421.02  | \$ 28,057.31  | \$ 20,086.32  | \$ 18,102.39  | \$ 18,841.03  | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 146,647.85   |
|                        | ASRF0013         | Travel - 09 | \$ 189.04     | \$ 947.40     | \$ 1,647.55   | \$ -          | \$ -          | \$ 1,067.96   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 3,851.95     |
|                        |                  | Supplies    | \$ 12,794.81  | \$ 28,110.68  | \$ 26,184.82  | \$ 33,635.54  | \$ 15,982.17  | \$ 32,964.57  | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 149,672.59   |
|                        |                  | Travel - 02 | \$ 4,796.99   | \$ 1,192.62   | \$ 1,579.28   | \$ 1,271.12   | \$ 147.83     | \$ 2,601.12   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 11,588.96    |
|                        |                  | Equipment   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -            |
|                        |                  | Contractual | \$ 71,290.38  | \$ 12,019.72  | \$ 83,900.74  | \$ 14,835.45  | \$ 22,222.73  | \$ 44,381.33  | \$ 2,648.04   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 251,298.39   |
|                        |                  | Indirect    | \$ 12,116.13  | \$ 12,220.01  | \$ 12,090.56  | \$ 17,312.29  | \$ 11,331.26  | \$ 10,251.34  | \$ 10,169.71  | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 85,491.30    |
|                        |                  | Subtotal    | \$ 185,489.91 | \$ 139,081.98 | \$ 208,115.86 | \$ 186,575.67 | \$ 127,915.40 | \$ 162,029.00 | \$ 83,015.91  | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 1,092,223.73 |
|                        | PWSS<br>ASRC0013 | Salaries    | \$ 62,191.22  | \$ 64,220.32  | \$ 22,062.38  | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 148,473.92   |
|                        |                  | Fringe      | \$ 21,126.75  | \$ 21,576.10  | \$ 5,864.00   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 48,566.85    |
|                        |                  | Travel - 09 | \$ -          | \$ -          | \$ 2,040.00   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 2,040.00     |
|                        |                  | Supplies    | \$ 690.47     | \$ 2,670.11   | \$ 1,663.50   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 5,024.08     |
|                        |                  | Travel - 02 | \$ 494.98     | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 494.98       |
|                        |                  | Equipment   | \$ 2,622.81   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 2,622.81     |
|                        |                  | Contractual | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -            |
|                        |                  | Indirect    | \$ 12,063.48  | \$ 12,422.51  | \$ 3,393.12   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 27,879.11    |
|                        |                  | Subtotal    | \$ 99,189.71  | \$ 100,889.04 | \$ 35,023.00  | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 235,101.75   |
| FS986001-16<br>DWSRF13 | WHIP<br>ASRB0013 | Salaries    | \$ 37,145.27  | \$ 29,341.02  | \$ 26,503.72  | \$ 24,710.83  | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 117,700.84   |
|                        |                  | Fringe      | \$ 10,787.66  | \$ 10,031.68  | \$ 9,019.25   | \$ 7,296.72   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 37,135.31    |
|                        |                  | Travel - 09 | \$ 453.27     | \$ 1,701.60   | \$ 719.00     | \$ 1,522.87   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 4,396.74     |
|                        |                  | Supplies    | \$ 21,333.64  | \$ 1,265.15   | \$ 16,547.60  | \$ 4,438.24   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 43,584.63    |
|                        |                  | Travel - 02 | \$ 60.78      | \$ 238.94     | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 299.72       |
|                        |                  | Equipment   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -            |
|                        |                  | Contractual | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -            |
|                        |                  | Indirect    | \$ 6,613.26   | \$ 5,695.64   | \$ 5,138.84   | \$ 4,626.01   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 22,073.75    |
|                        |                  | Subtotal    | \$ 76,393.88  | \$ 48,274.03  | \$ 57,928.41  | \$ 42,594.67  | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 225,190.99   |
|                        |                  | TOTAL       | \$ 361,073.50 | \$ 288,245.05 | \$ 301,067.27 | \$ 229,170.34 | \$ 127,915.40 | \$ 162,029.00 | \$ 83,015.91  | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 1,552,516.47 |
| FS986001-17<br>DWSRF14 | CD               | Salaries    | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 49,971.10  | \$ 51,716.44  | \$ 80,192.55  | \$ 54,061.65  | \$ 84,303.85  | \$ 320,245.59   |
|                        |                  | Fringe      | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 45.28      | \$ 17,476.58  | \$ 18,217.89  | \$ 25,059.82  | \$ 18,382.70  | \$ 26,323.55  | \$ 105,505.82   |
|                        | ASRF0014         | Travel - 09 | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 973.86     | \$ -          | \$ 1,610.00   | \$ 452.78     | \$ 464.17     | \$ 3,500.81     |
|                        |                  | Supplies    | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 25,186.57  | \$ 25,422.24  | \$ 33,588.89  | \$ 23,866.01  | \$ 33,461.97  | \$ 42,117.70  | \$ 183,643.38   |
|                        |                  | Travel - 02 | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 335.64     | \$ 482.95     | \$ 753.84     | \$ 350.18     | \$ 763.71     | \$ 945.25     | \$ 3,631.57     |
|                        |                  | Equipment   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 8,911.84   | \$ (163.11)   | \$ 8,748.73     |
|                        |                  | Contractual | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 13,374.97  | \$ 39,396.08  | \$ 31,960.60  | \$ 17,639.48  | \$ 29,221.03  | \$ 6,835.03   | \$ 138,427.19   |
|                        |                  | Indirect    | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 6.54       | \$ 9,771.24   | \$ 10,131.47  | \$ 15,248.04  | \$ 10,495.12  | \$ 16,026.83  | \$ 61,679.24    |
|                        |                  | Subtotal    | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 38,949.00  | \$ 143,494.05 | \$ 146,369.13 | \$ 163,966.08 | \$ 155,750.80 | \$ 176,853.27 | \$ 825,382.33   |
|                        | PWSS<br>ASRC0014 | Salaries    | \$ -          | \$ -          | \$ 39,791.94  | \$ 94,807.04  | \$ 64,131.65  | \$ 64,231.59  | \$ 63,962.84  | \$ 61,194.15  | \$ 60,994.17  | \$ 91,041.15  | \$ 47,513.46  | \$ 75,568.88  | \$ 663,236.87   |
|                        |                  | Fringe      | \$ -          | \$ -          | \$ 14,978.03  | \$ 29,233.68  | \$ 21,346.57  | \$ 21,368.68  | \$ 22,603.64  | \$ 20,695.97  | \$ 21,004.49  | \$ 28,387.46  | \$ 16,592.10  | \$ 24,071.92  | \$ 220,282.54   |
|                        |                  | Travel - 09 | \$ -          | \$ -          | \$ -          | \$ 1,707.97   | \$ -          | \$ -          | \$ -          | \$ 605.20     | \$ 2,356.68   | \$ 875.00     | \$ -          | \$ -          | \$ 5,544.85     |
|                        |                  | Supplies    | \$ -          | \$ -          | \$ -          | \$ 179.31     | \$ 8,990.30   | \$ 162.44     | \$ 408.87     | \$ 939.18     | \$ 404.60     | \$ 248.21     | \$ 1,414.80   | \$ 1,410.70   | \$ 14,158.41    |
|                        |                  | Travel - 02 | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 1,148.78   | \$ -          | \$ -          | \$ 41,613.70  | \$ -          | \$ 42,762.48    |
|                        |                  | Equipment   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 159,143.56 | \$ 46,785.86  | \$ 22,437.96  | \$ -          | \$ -          | \$ 228,367.38   |
|                        |                  | Contractual | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -            |
|                        |                  | Indirect    | \$ -          | \$ -          | \$ 8,580.19   | \$ 17,959.72  | \$ 12,376.50  | \$ 12,394.09  | \$ 12,533.84  | \$ 11,856.86  | \$ 11,871.61  | \$ 17,292.04  | \$ 9,282.48   | \$ 14,427.83  | \$ 128,575.16   |
|                        |                  | Subtotal    | \$ -          | \$ -          | \$ 63,350.16  | \$ 143,887.72 | \$ 106,845.02 | \$ 98,156.80  | \$ 99,509.19  | \$ 255,583.70 | \$ 143,417.41 | \$ 160,281.82 | \$ 116,416.54 | \$ 115,479.33 | \$ 1,302,927.69 |
| FS986001-17<br>DWSRF14 | WHIP<br>ASRB0014 | Salaries    | \$ -          | \$ -          | \$ -          | \$ 13,730.32  | \$ 25,019.96  | \$ 21,085.02  | \$ 22,457.45  | \$ 25,146.68  | \$ 26,463.37  | \$ 43,368.39  | \$ 43,610.52  | \$ 66,241.16  | \$ 287,122.87   |
|                        |                  | Fringe      | \$ -          | \$ -          | \$ -          | \$ 5,290.20   | \$ 8,794.84   | \$ 8,202.83   | \$ 8,997.24   | \$ 9,102.54   | \$ 9,563.02   | \$ 13,568.44  | \$ 14,218.63  | \$ 20,143.66  | \$ 97,881.40    |
|                        |                  | Travel - 09 | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 625.00     | \$ -          | \$ 700.00     | \$ 1,325.00     |
|                        |                  | Supplies    | \$ -          | \$ -          | \$ -          | \$ -          | \$ 536.29     | \$ 256.09     | \$ 14,504.41  | \$ 1,868.75   | \$ 841.97     | \$ 1,369.84   | \$ 22,943.48  | \$ 2,218.83   | \$ 44,539.66    |
|                        |                  | Travel - 02 | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ 1,463.13   | \$ -          | \$ 362.88     | \$ 1,525.38   | \$ -          | \$ -          | \$ 2,088.71   | \$ 5,440.10     |
|                        |                  | Equipment   | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -            |
|                        |                  | Contractual | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -          | \$ -            |
|                        |                  | Indirect    | \$ -          | \$ -          | \$ -          | \$ 2,756.08   | \$ 4,892.20   | \$ 4,237.45   | \$ 4,550.88   | \$ 4,955.03   | \$ 5,212.06   | \$ 8,237.08   | \$ 8,370.13   | \$ 12,502.88  | \$ 55,713.79    |
|                        |                  | Subtotal    | \$ -          | \$ -          | \$ -          | \$ 21,776.60  | \$ 39,243.29  | \$ 35,244.52  | \$ 50,509.98  | \$ 41,435.88  | \$ 43,605.80  | \$ 67,168.75  | \$ 89,142.76  | \$ 103,895.24 | \$ 492,022.82   |
|                        |                  | TOTAL       | \$ -          | \$ -          | \$ 63,350.16  | \$ 165,664.32 | \$ 146,088.31 | \$ 133,401.32 | \$ 188,968.17 | \$ 440,513.63 | \$ 333,392.34 | \$ 391,416.65 | \$ 361,310.10 | \$ 396,227.84 | \$ 4,172,849.31 |
|                        | GRAND TOTAL      |             | \$ 361,073.50 | \$ 288,245.05 | \$ 364,417.43 | \$ 394,834.66 | \$ 274,003.71 | \$ 295,430.32 | \$ 271,984.08 | \$ 440,513.63 | \$ 333,392.34 | \$ 391,416.65 | \$ 361,310.10 | \$ 396,227.84 | \$ 4,172,849.31 |

# ATTACHMENT

# B

## Travel Reimbursements Summary



## Attachment B - Travel Reimbursements Summary

| Position # | Name               | CH 02    | CH 09 | Internal Order Code | Description                         |
|------------|--------------------|----------|-------|---------------------|-------------------------------------|
| 22105676   | Aaron Hilborn      | 130.29   |       | ASRF0013            | DBP system profile                  |
| 22105676   | Aaron Hilborn      | 141.44   |       | ASRF0013            | Tech Assistance/THM Profile         |
| 22163678   | Adam Parker        | 129.84   |       | ASRF0014            | Tech. Assistance & District meeting |
| 22105615   | Alicia Prioleau    | 118.91   |       | ASRF0013            | ADH Compliance Course Training      |
| 22105615   | Alicia Prioleau    | 108.99   |       | ASRF0013            | Compliance Course Training          |
| 22105615   | Alicia Prioleau    | 126.24   |       | ASRF0013            | Compliance Course Training          |
| 22105615   | Alicia Prioleau    | 140.99   |       | ASRF0013            | Compliance Course Training          |
| 22105615   | Alicia Prioleau    | 129.24   |       | ASRF0013            | Compliance Course Training          |
| 22105615   | Alicia Prioleau    | 108.32   |       | ASRF0013            | Compliance Course Training          |
| 22105615   | Alicia Prioleau    | 128.97   |       | ASRF0013            | Compliance Course Training          |
| 22105615   | Alicia Prioleau    | 377.51   |       | ASRF0013            | AWWWEA Conference                   |
| 22105615   | Alicia Prioleau    | 126.71   |       | ASRF0014            | Compliance Course Training          |
| 22105906   | Ashley Hobbs       | 10.66    |       | ASRF0013            | District Meeting                    |
| 22105906   | Ashley Hobbs       | 1,176.18 |       | ASRC0013            | National AWOP Conference            |
| 22105906   | Ashley Hobbs       | 13.58    |       | ASRF0013            | District Meeting                    |
| 22105906   | Ashley Hobbs       | 14.00    |       | ASRF0013            | District Meeting                    |
| 22105906   | Ashley Hobbs       | 14.00    |       | ASRF0013            | District Meeting                    |
| 22105906   | Ashley Hobbs       | 122.19   |       | ASRF0014            | Equipment calibration               |
| 22076785   | Austin Lee         | 1,284.90 |       | ASRF0013            | National AWOP Conference            |
| 22076785   | Austin Lee         | 1.25     |       | ASRF0013            | Technical assistance                |
| 22076785   | Austin Lee         | 2.12     |       | ASRF0013            | Technical assistance                |
| 22106202   | Bradley Jones      | 203.60   |       | ASRB0013            | Conference                          |
| 22106202   | Bradley Jones      | 120.69   |       | ASRB0013            | Watershed Meeting                   |
| 22104914   | Charles Holt       | 51.43    |       | ASRF0013            | District meeting                    |
| 22104914   | Charles Holt       | 271.96   |       | ASRF0013            | Level 1 Assessments                 |
| 22104914   | Charles Holt       | 143.44   |       | ASRF0013            | Sanitary Survey                     |
| 22076820   | Chris Oldfield     | 242.90   |       | ASRF0013            | Calibration Check                   |
| 22076820   | Chris Oldfield     | 11.00    |       | ASRF0013            | Calibration Check                   |
| 22106024   | Chris Roberts      | 139.76   |       | ASRF0013            | Compliance Course & Cap Dev Audit   |
| 22109951   | Chris Talley       | 129.33   |       | ASRF0014            | Water Op Exam                       |
| 22109951   | Christopher Talley | 14.47    |       | ASRF0013            | District meeting                    |
| 22110513   | Clay Robertson     | 139.51   |       | ASRF0013            | UCMR                                |
| 22105906   | Clyde Little       | 15.00    |       | ASRF0013            | District meeting                    |
| 22105906   | Clyde Little       | 15.00    |       | ASRF0013            | District meeting                    |
| 22105906   | Clyde Little       | 15.00    |       | ASRF0013            | District meeting                    |
| 22105750   | Conway Meacham     | 15.00    |       | ASRF0013            | AWW&WEA Central District Meeting    |
| 22105750   | Conway Meacham     | 13.20    |       | ASRF0014            | District Meeting                    |
| 22105750   | Conway Meacham     | 103.04   |       | ASRF0014            | Water Op Exam                       |
| 22106127   | Craig Corder       | 1,261.98 |       | ASRF0013            | National AWOP Conference            |
| 22106127   | Craig Corder       | 111.42   |       | ASRF0013            | WWTP Inspection, ISDSAC meeting     |
| 22106127   | Craig Corder       | 465.93   |       | ASRF0013            | AWOP                                |
| 22106823   | Darcia Routh       | 118.25   |       | ASRB0013            | Watershed Meeting                   |
| 22106823   | Darcia Routh       | 391.11   |       | ASRB0013            | Midwest GW Conference               |

| Position # | Name                 | CH 02    | CH 09    | Internal Order Code | Description                              |
|------------|----------------------|----------|----------|---------------------|--|
| 22106823   | Darcia Routh         |          | 1,183.47 | ASRB0013            | ASDWA Conference                         |
| 22106823   | Darcia Routh         | 362.88   |          | ASRB0013            | EPA 5 State meeting                      |
| 22106823   | Darcia Routh         | 1,154.05 |          | ASRB0013            | GWPC UIC Conference                      |
| 22105003   | Dennis Taylor        | 11.69    |          | ASRF0013            | District Meeting                         |
| 22105003   | Dennis Taylor        | 15.00    |          | ASRF0013            | District Meeting                         |
| 22105003   | Dennis Taylor        | 14.50    |          | ASRF0013            | District Meeting                         |
| 22106177   | Don Fiegel           | 1,275.52 |          | ASRF0013            | National AWOP Conference                 |
| 22106177   | Don Fiegel           | 134.98   |          | ASRF0013            | DBP Sampling                             |
| 22076920   | Eric Panos           | 58.10    |          | ASRF0013            | Calibration Check                        |
| 22076920   | Eric Panos           | 129.40   |          | ASRF0013            | Calibration Check                        |
| 22105532   | Evelyn Borberly-Kort |          | 225.22   | ASRB0013            | AWRC Conference                          |
| 22105532   | Evelyn Borberly-Kort | 395.95   |          | ASRB0013            | Midwest GW Conference                    |
| 22105532   | Evelyn Borberly-Kort | 1,058.31 |          | ASRB0014            | GWPC UIC Conference                      |
| 22105580   | Gerald Saunders      | 10.12    |          | ASRF0013            | District meeting                         |
| 22105580   | Gerald Saunders      | 95.29    |          | ASRF0013            | District meeting, operator training      |
| 22105580   | Gerald Saunders      | 93.63    |          | ASRF0013            | District meeting, operator training      |
| 22105580   | Gerald Saunders      | 13.20    |          | ASRF0013            | District Meeting                         |
| 22105580   | Gerald Saunders      | 15.00    |          | ASRF0014            | District Meeting                         |
| 22104936   | Jack Gregg           | 18.71    |          | ASRF0013            | District meeting                         |
| 22104936   | Jack Gregg           | 11.55    |          | ASRF0013            | District Meeting                         |
| 22104936   | Jack Gregg           | 133.47   |          | ASRF0013            | Tech Asst, Sanitary Survey, License Exam |
| 22104936   | Jack Gregg           | 14.16    |          | ASRF0013            | District Meeting                         |
| 22104936   | Jack Gregg           | 17.93    |          | ASRF0013            | District meeting                         |
| 22109403   | Jason Gilkey         | 15.00    |          | ASRF0013            | District meeting                         |
| 22109403   | Jason Gilkey         | 16.00    |          | ASRF0013            | District meeting                         |
| 22109403   | Jason Gilkey         | 18.00    |          | ASRF0013            | District Meeting                         |
| 22109403   | Jason Gilkey         | 16.00    |          | ASRF0013            | District Meeting                         |
| 22109403   | Jason Gilkey         | 15.00    |          | ASRF0014            | SW AWW-WEA District Meeting              |
| 22105224   | Jeff Stone           |          | 1,252.22 | ASRC0013            | ASDWA Conference                         |
| 22105224   | Jeff Stone           | 383.25   |          | ASRC0013            | EPA 5 State meeting                      |
| 22105224   | Jeff Stone           |          | 1,111.70 | ASRC0013            | ASDWA Member Meeting                     |
| 22076817   | Joseph Harris        | 3.92     |          | ASRF0013            | UCMR                                     |
| 22105207   | Lance Jones          | 54.21    |          | ASRF0013            | Ark Water Mgrs Conf.                     |
| 22105207   | Lance Jones          | 392.32   |          | ASRC0013            | EPA 5 State meeting                      |
| 22106157   | Lester Bradshaw      | 237.74   |          | ASRB0013            | Wellhead Lat/Long                        |
| 22106342   | Linda Taylor         | 17.96    |          | ASRF0013            | District meeting                         |
| 22106342   | Linda Taylor         | 17.96    |          | ASRF0013            | District meeting                         |
| 22106342   | Linda Taylor         | 17.96    |          | ASRF0013            | District meeting                         |
| 22106342   | Linda Taylor         | 470.47   |          | ASRF0013            | AWOP                                     |
| 22106342   | Linda Taylor         | 66.91    |          | ASRF0013            | Op Tech Asst, OMRPWA Sanitary Survey     |
| 22106342   | Linda Taylor         | 17.96    |          | ASRF0013            | District Meeting                         |
| 22106342   | Linda Taylor         | 17.96    |          | ASRF0013            | District Meeting                         |
| 22106342   | Linda Taylor         | 17.96    |          | ASRF0013            | District Meeting                         |
| 22106342   | Linda Taylor         | 17.96    |          | ASRF0013            | District Meeting                         |

| Position # | Name             | CH 02  | CH 09    | Internal Order Code | Description                        |
|------------|------------------|--------|----------|---------------------|------------------------------------|
| 22105879   | Lyle Godfrey     |        | 1,255.75 | ASRC0013            | ASDWA Conference                   |
| 22105879   | Lyle Godfrey     | 373.21 |          | ASRC0013            | Annual EPA 5 State Meeting         |
| 22105879   | Lyle Godfrey     |        | 1,850.18 | ASRC0013            | ASDWA Member Meeting               |
| 22106665   | Mark Jones       | 10.10  |          | ASRF0013            | District meeting                   |
| 22106665   | Mark Jones       | 34.42  |          | ASRF0013            | Compliance Course                  |
| 22106665   | Mark Jones       | 85.91  |          | ASRF0013            | Exam Compliance Course             |
| 22106665   | Mark Jones       | 111.25 |          | ASRF0013            | Compliance Course/District Meeting |
| 22106665   | Mark Jones       | 33.76  |          | ASRF0013            | Sanitary Survey/compliance course  |
| 22106665   | Mark Jones       | 86.46  |          | ASRC0015            | Sanitary Survey                    |
| 22107118   | Martin Nutt      | 947.40 |          | ASRF0013            | AWWMA Conference                   |
| 22107118   | Martin Nutt      | 115.09 |          | ASRF0013            | AETA Training                      |
| 22107118   | Martin Nutt      | 139.40 |          | ASRF0013            | Municipal League Fall Conference   |
| 22107118   | Martin Nutt      | 583.08 |          | ASRF0013            | EPA Cap Dev Workshop               |
| 22107118   | Martin Nutt      |        | 2,041.82 | ASRF0013            | ABC Annual Conference              |
| 22107118   | Martin Nutt      | 624.17 |          | ASRF0014            | AWWWEA Conference                  |
| 22106817   | Peter Johnson    | 15.00  |          | ASRF0013            | District Meeting                   |
| 22106817   | Peter Johnson    | 15.00  |          | ASRF0013            | District Meeting                   |
| 22105425   | Randall Puckett  | 199.55 |          | ASRB0014            | Field data collection              |
| 22105585   | Raymond Thompson | 12.38  |          | ASRF0013            | District meeting                   |
| 22105585   | Raymond Thompson | 13.58  |          | ASRF0013            | District meeting                   |
| 22105585   | Raymond Thompson | 13.63  |          | ASRF0013            | District Meeting                   |
| 22105585   | Raymond Thompson | 13.58  |          | ASRF0013            | District Meeting                   |
| 22105585   | Raymond Thompson | 14.06  |          | ASRF0013            | District Meeting                   |
| 22105585   | Raymond Thompson | 16.21  |          | ASRF0013            | District Meeting                   |
| 22105585   | Raymond Thompson | 14.06  |          | ASRF0013            | District Meeting                   |
| 22105585   | Raymond Thompson | 14.06  |          | ASRF0013            | District Meeting                   |
| 22105585   | Raymond Thompson | 12.77  |          | ASRF0013            | District meeting                   |
| 22105585   | Raymond Thompson | 61.45  |          | ASRF0014            | District Meeting                   |
| 22106108   | Robert Arthur    | 15.25  |          | ASRF0013            | AWW & WEA Dist Meeting             |
| 22106108   | Robert Arthur    | 15.25  |          | ASRF0013            | AWW & WEA Dist Meeting             |
| 22106108   | Robert Arthur    | 15.47  |          | ASRF0013            | District Meeting                   |
| 22106108   | Robert Arthur    | 10.93  |          | ASRF0013            | District Meeting                   |
| 22106108   | Robert Arthur    | 14.45  |          | ASRF0013            | District Meeting                   |
| 22106108   | Robert Arthur    | 9.77   |          | ASRF0013            | District Meeting                   |
| 22104997   | Robert Harris    | 8.78   |          | ASRF0013            | District meeting                   |
| 22104997   | Robert Harris    | 7.62   |          | ASRF0013            | District Meeting                   |
| 22104997   | Robert Harris    | 13.01  |          | ASRF0013            | District Meeting                   |
| 22104997   | Robert Harris    | 9.75   |          | ASRF0013            | District Meeting                   |

| Position # | Name                 | CH 02  | CH 09  | Internal Order Code | Description                       |
|------------|----------------------|--------|--------|---------------------|-----------------------------------|
| 22104997   | Robert Harris        | 10.30  |        | ASRF0013            | District Meeting                  |
| 22104997   | Robert Harris        | 14.24  |        | ASRF0013            | District meeting                  |
| 22104997   | Robert Harris        | 14.06  |        | ASRF0013            | District Meeting                  |
| 22104997   | Robert Harris        | 7.05   |        | ASRF0013            | District Meeting                  |
| 22105470   | Russell Weaver       | 94.15  |        | ASRF0013            | UCMR                              |
| 22076820   | SanJuana Mota        | 190.46 |        | ASRB0014            | Field data collection             |
| 22076820   | SanJuana Mota        | 271.21 |        | ASRB0014            | Field data collection             |
| 22076820   | SanJuana Mota        | 342.92 |        | ASRB0014            | Field data collection             |
| 22076820   | SanJuana Mota        | 267.25 |        | ASRB0014            | Field data collection             |
| 22076820   | SanJuana Mota        | 374.44 |        | ASRB0014            | Field data collection             |
| 22076920   | Sarah Gould          | 112.17 |        | ASRF0014            | Calibration Check                 |
| 22076920   | Sarah Gould          | 242.26 |        | ASRF0014            | Calibration Check                 |
| 22076920   | Sarah Gould          | 236.79 |        | ASRF0014            | Calibration Check                 |
| 22076920   | Sarah Gould          | 340.64 |        | ASRB0014            | Field data collection             |
| 22076920   | Sarah Gould          | 382.41 |        | ASRB0014            | Field data collection             |
| 22076920   | Sarah Gould          | 370.20 |        | ASRB0014            | Field data collection             |
| 22105489   | Stan Starling        | 17.96  |        | ASRF0013            | District meeting                  |
| 22105489   | Stan Starling        | 17.96  |        | ASRF0013            | District meeting                  |
| 22105489   | Stan Starling        | 17.96  |        | ASRF0013            | District meeting                  |
| 22105489   | Stan Starling        | 252.55 |        | ASRF0013            | ARWA Conference                   |
| 22105489   | Stan Starling        | 19.46  |        | ASRF0013            | District Meeting                  |
| 22105489   | Stan Starling        | 16.06  |        | ASRF0013            | District Meeting                  |
| 22105489   | Stan Starling        | 17.96  |        | ASRF0013            | District Meeting                  |
| 22105489   | Stan Starling        | 17.96  |        | ASRF0013            | District meeting                  |
| 22105489   | Stan Starling        | 62.36  |        | ASRF0013            | Sanitary Survey/compliance course |
| 22105489   | Stan Starling        | 17.98  |        | ASRF0013            | District Meeting                  |
| 22105489   | Stan Starling        | 17.96  |        | ASRF0013            | District meeting                  |
| 22105489   | Stan Starling        | 17.96  |        | ASRF0013            | District Meeting                  |
| 22105489   | Stan Starling        | 325.27 |        | ASRF0013            | AWWWEA Conference                 |
| 22105489   | Stan Starling        | 23.79  |        | ASRF0014            | District Meeting                  |
| 22105489   | Stan Starling        | 17.96  |        | ASRF0013            | District Meeting                  |
| 22109829   | Stephanie Burchfield |        | 228.05 | ASRB0013            | AWRC Conference                   |
| 22109829   | Stephanie Burchfield | 15.00  |        | ASRB0013            | AR GIS Users Forum                |
| 22109829   | Stephanie Burchfield | 399.34 |        | ASRB0013            | Midwest GW Conference             |
| 22109829   | Stephanie Burchfield | 18.35  |        | ASRB0013            | District Meeting                  |
| 22106189   | Stephen Youngblood   | 16.00  |        | ASRF0013            | District meeting                  |
| 22106189   | Stephen Youngblood   | 15.00  |        | ASRF0013            | District meeting                  |
| 22106189   | Stephen Youngblood   | 52.43  |        | ASRF0013            | Sanitary Survey                   |
| 22106189   | Stephen Youngblood   | 16.00  |        | ASRF0013            | District meeting                  |
| 22106189   | Stephen Youngblood   | 18.00  |        | ASRF0013            | District Meeting                  |

| Position # | Name               | CH 02  | CH 09 | Internal Order Code | Description   |
|------------|--------------------|--------|-------|---------------------|---|
| 22106189   | Stephen Youngblood | 16.00  |       | ASRF0013            | District Meeting  |
| 22106189   | Stephen Youngblood | 16.00  |       | ASRF0013            | District Meeting  |
| 22076783   | Steven Burghart    | 14.45  |       | ASRF0013            | Central AWW & WEA Dist Meeting                                |
| 22076783   | Steven Burghart    | 15.47  |       | ASRF0013            | AWW & WEA Dist Meeting  |
| 22076783   | Steven Burghart    | 15.00  |       | ASRF0013            | District Meeting  |
| 22076783   | Steven Burghart    | 13.24  |       | ASRF0013            | District Meeting  |
| 22076783   | Steven Burghart    | 2.08   |       | ASRF0013            | UCMR  |
| 22076783   | Steven Burghart    | 14.45  |       | ASRF0013            | District Meeting  |
| 22076783   | Steven Burghart    | 15.00  |       | ASRF0013            | AWW&WEA Central District Meeting                              |
| 22076783   | Steven Burghart    | 13.20  |       | ASRF0014            | District Meeting  |
| 22104664   | Steven Fitzhugh    | 132.75 |       | ASRF0013            | UCMR  |
| 22104664   | Steven Fitzhugh    | 130.88 |       | ASRF0013            | UCMR  |
| 22104664   | Steven Fitzhugh    | 122.33 |       | ASRF0013            | UCMR  |
| 22109519   | Teresa Lee         | 622.25 |       | ASRF0013            | EPA Finance Forum   |
| 22109519   | Teresa Lee         | 625.07 |       | ASRF0013            | EPA Cap Dev Workshop  |
| 22109519   | Teresa Lee         | 17.93  |       | ASRF0013            | EPA Cap Dev Workshop  |
| 22106395   | Thomas Johnson     | 29.86  |       | ASRF0013            | CCCP Surveys & district meeting                               |
| 22106395   | Thomas Johnson     | 15.87  |       | ASRF0013            | BPAA Conference   |
| 22106395   | Thomas Johnson     | 15.00  |       | ASRF0013            | District Meeting  |
| 22106395   | Thomas Johnson     | 121.47 |       | ASRF0013            | District Meeting/CCCP surveys                                 |
| 22106395   | Thomas Johnson     | 18.67  |       | ASRF0013            | CCCP Surveys  |
| 22105843   | Trent Gephardt     | 12.05  |       | ASRF0013            | District Meeting  |
| 22105843   | Trent Gephardt     | 7.72   |       | ASRF0013            | District Meeting  |
| 22105843   | Trent Gephardt     | 372.12 |       | ASRF0013            | Presenter Licensing Class, Sanitary Surveys, District Meeting |
| 22105843   | Trent Gephardt     | 129.08 |       | ASRF0013            | District Meeting/Sanitary survey                              |
| 22105843   | Trent Gephardt     | 62.21  |       | ASRF0013            | Sanitary Survey/District Meeting                              |
| 22105843   | Trent Gephardt     | 272.11 |       | ASRF0013            | Compliance Course   |
| 22105843   | Trent Gephart      | 255.08 |       | ASRF0013            | Sanitary Survey, District Meeting                             |
| 22105843   | Trent Gephart      | 132.79 |       | ASRF0013            | Sanitary Survey   |
| 22105750   | Wayne Meacham      | 10.93  |       | ASRF0013            | District meeting  |
| 22105750   | Wayne Meacham      | 12.84  |       | ASRF0013            | District meeting  |
| 22105750   | Wayne Meacham      | 15.00  |       | ASRF0013            | District Meeting  |
| 22105750   | Wayne Meacham      | 12.14  |       | ASRF0013            | District Meeting  |
| 22105750   | Wayne Meacham      | 128.66 |       | ASRF0013            | Water Operator Exams  |
| 22105750   | Wayne Meacham      | 12.14  |       | ASRF0013            | District Meeting  |