Louisiana
INTENDED USE PLAN

FEDERAL FISCAL YEAR 2016
STATE FISCAL YEAR 2017
CAPITALIZATION GRANT ALLOTMENT

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I. INTRODUCTION

A. State of Louisiana's Drinking Water Revolving Loan Fund

In 1996, Congress passed federal amendments to the Safe Drinking Water Act (SDWA) establishing the Drinking Water State Revolving Fund (DWSRF) program. The State of Louisiana is eligible for an $11,396,000 grant for federal fiscal year (FFY) 2016.

This document is the State of Louisiana's Intended Use Plan (IUP) detailing how the State will utilize this allotment of funds available to its Drinking Water Revolving Loan Fund (DWRLF) Program as authorized under the Drinking Water Revolving Loan Fund Act (R.S. 40:2821 et seq). The IUP must describe the use of a state's capitalization grant, state match funds, principal and interest from loan repayments, other interest earnings of the DWRLF, bond proceeds, funds designated for set-aside activities, and any other monies deposited into the DWRLF.

Our IUP is the central component of our DWRLF grant application and communicates our plans to stakeholders who include: public water systems, the public, EPA, and other state departments. This IUP provides specific details on key aspects of the program including our state's short- and long-term goals, the priority setting process we use to rank projects and the list of projects eligible to receive funding from available DWRLF funding.

B. Program Overview

This IUP provides details on our plans for all funds available in the DWRLF. This plan is based on receiving a capitalization grant award totaling $11,396,000 from EPA. This IUP also addresses the use of our required 20% state match of $2,279,200. We have established the following primary objectives for the DWRLF:

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- Provide technical and financial assistance to eligible public water systems confronted with the most serious drinking water public health risks.
- Ensure that the assistance provided will help systems come into or maintain compliance with the SDWA.
- Operate the DWRLF as a permanent funding program to provide low-cost assistance to eligible systems into the foreseeable future.

To meet these objectives we will offer low-interest loans below market interest rates and other forms of financial aid, as described throughout this IUP to public water systems for the construction of facilities that will provide affordable, safe drinking water to the public. We also intend to use part of the federal capitalization grant as "set-aside" funding, to address other non-infrastructure activities which have public health benefits and assist in compliance with the SDWA. The major facets of the DWRLF program are summarized below.

Low-Interest Loans

We will provide low-interest loans to public water systems in the order of priority determined by the DWRLF Project Priority System. The total funding available for loans from the FFY16 grant is $11,570,200. (This includes $11,396,000 Federal dollars minus $2,105,000 for set asides leaving $9,291,000 for loans plus $2,279,200 State match) The DWRLF finance charge and administrative charge on loans for eligible projects is set by the Secretary of LDHH and results in below-market rate loans. The rates will be reviewed periodically by the DWRLF staff and if an adjustment is deemed appropriate, will be requested from the Secretary of LDHH. The DWRLF staff members are in contact with the responsible parties of water systems on a continual basis. They question them about the market rates that are available to them. Their responses have ranged from 4% to 12% with variables such as credit worthiness, corporate structure, size, existing debt, etc. as the reasons for the variations. DWRLF staff members also attend the monthly bond commission meetings at the state legislature to glean the market rates of bond issuances for similar type projects. Finally, the DWRLF is contracted with bond attorneys who advise them as to the current market rates and make recommendations therein. As a result, the rates are reviewed monthly by the staff, and the date of the last review was May 2016. Loans are made for up to 100% of the eligible costs with long-term financing of up to twenty years.

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Emergency Projects

We will provide financial aid to public water systems which qualify for the "emergency assistance." This financial aid can be in the forms described in section IV.C and will be negotiated at the time of the approval of the project by the LDHH. The DWRLF terms for the financial aid provided to emergency projects will be approved by the Secretary of LDHH.

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Disadvantaged Community System Assistance

The maximum funding available for this type of financial aid will be $3,418,800 or 30% of $11,396,000. To the extent that there is not adequate demand for the full 30%, monies not used for the disadvantaged community system assistance may be made available to eligible applicants on the Comprehensive/Fundable list in accordance with procedures in section VI.C of this document. (None are listed in the Fundable list for FFY 16) The DWRLF finance charge and administrative charge on loans for these projects is negotiated individually and approved by the Assistant Secretary of LDHH.

Refinancing

Louisiana may buy or refinance local debt obligations of municipal, inter-municipal, or interstate agencies where the debt obligation was incurred and the project was initiated after July 1, 1993. Projects must have met the eligibility requirements under section 1452 of the Act and 40 CFR Part 35.3523 to be eligible for refinancing. Privately owned systems are not eligible for refinancing. To date the DWRLF has refinanced one loan (Town of Slaughter) in the amount of $1,355,000.

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Set-Asides

The SDWA allows states to use part of the federal capitalization grant to support various drinking water programs commonly known as set-asides. Louisiana proposes to use $2,082,920 of this grant and use $22,080 of the unspecified funds from prior grants to pay for set-aside activities for a total of $2,105,000 (18.47% of FFY 16 Capitalization Grant) to help ensure compliance with the SDWA regulations and to address public health priorities. Set-aside funded activities will include the following:

- DWRLF program administration
- Technical assistance to small systems
- Implementation of the state's capacity development strategy
- Strengthen and enhance the administering of the Public Water Supply Supervision (PWSS) program
- Assist OPH with implementing an operator certification program
- Assistance to individual systems in capacity development

Transfer Process

CFR Part 35.3530 (c) (6) states The Governor of a State, or a State official acting pursuant to authorization from the Governor, may transfer an amount equal to 33 percent of a fiscal year's DWSRF program capitalization grant to the CWSRF program or an equivalent amount from the CWSRF program to the DWSRF program. To date, Louisiana has not had the need to transfer funds between the programs.

Cross-Collateralization Process

The State of Louisiana has not used fund assets for either the Clean Water or Drinking Water programs as security for bond issues to enhance the lending capacity of either program. Consequently, no cross-collateralization process exists.

C. Public Input, Review and Comment Procedures

To ensure that the public had an opportunity to review our proposed plans for the DWRLF, the draft IUP will be made available 30 days prior to the public hearing held on June 6, 2016.

The written notice was placed in the Baton Rouge Advocate on May 7, 2016 stating that the Louisiana Department of Health and Hospitals, Office of Public Health is applying for the Federal Fiscal Year 2016 allotment of the US EPA Drinking Water State Revolving Loan capitalization grant fund for its Drinking Water Revolving Loan Fund Program.

We welcome input on all elements of the IUP at the public meeting. The meeting is designed to provide a forum for discussing the overall purpose, format, and content of the IUP including the amount of the grants and the state match required, the priority system used to rank individual projects, and the proposed list of projects to receive funding from FFY16 funds. A comment period will remain open during the 30 days prior to the meeting. A summary of the results of these public participation activities is included in Attachment 3.

II. DWRLF LONG-TERM and SHORT TERM GOALS

In establishing the national Drinking Water State Revolving Fund program, Congress gave Louisiana and other states the flexibility to design a program that can be tailored to meet the needs of local public water systems. The long-and short-term goals developed for the DWRLF are presented next.

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A. Long-Term Goals

1. Assist water systems throughout the State in achieving and maintaining the health and compliance objectives of the Safe Drinking Water Act by providing below-market rate loans to fund infrastructure needs in a prioritized manner.

2. Promote the efficient use of all funds, and ensure that the Fund corpus is available in perpetuity for providing financial assistance to public water systems.

3. Use the DWRLF set-aside funds strategically and in coordination with the program loans to maximize the DWRLF loan account's impact on achieving affordable compliance and public health protection.

4. Promote the development of the technical, managerial, and financial capability of all public water systems to maintain or come into compliance with state drinking water and federal SDWA requirements.

5. Provide needed investment in green and energy efficient technology.

6. Make the water systems throughout the state more water efficient to ensure the continued availability of sufficient quantities of safe

drinking water for future generations of the state.

7. Invest in infrastructure that will provide long term economic and environmental benefits to public water systems.

B. Short-Term Goals

1. Develop internal policy and procedures to help meet the September 2016 ULO metrics goal outlined in the EPA Headquarters 2014 memorandum.

2. Develop policy and procedures that help expedite project draws to expend this FFY16 grant within 2 years of the award.

3. It is anticipated that approximately 5 binding commitments will be entered into by the end of State fiscal year (SFY) 2017 totaling $23,606,000.

4. Louisiana hopes to close 5 loans totaling approximately $23,606,000 during SFY 2017. The population total for these projects is approximately 30,538.

5. Louisiana intends to maintain our fund utilization rate at 85%

6. To provide at least 15% of the available DWRLF loan funds in SFY 2017 to assist public water systems which regularly serve fewer than 10,000 persons to the extent that there are sufficient projects eligible and ready to receive such assistance.

7. To promote the benefits of the program to as many water systems as possible to assure equitable distribution of available financing resources.

8. Apply for FFY16 capitalization grant before the close of state fiscal year 2017.

9. To provide expedited financial aid to those systems qualifying as emergency projects or disadvantaged community systems.

10. Continue to partner with other funding agencies by jointly funding projects to assist public water systems.

11. Maximize our principal forgiveness funds to ensure that as many communities as possible across the state can be helped in the current economic environment.

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III. STRUCTURE OF THE DWRLF

The DWRLF consists of three accounts that will be used to provide assistance to accomplish its goals.

A. DWRLF Loan Fund Account

This account will provide assistance for the planning, design, and construction of improvements to publicly and privately owned community water systems and nonprofit, non-community water systems. Federally owned facilities are not eligible for funding. This account will consist of all federal funds used for infrastructure loan assistance, all state match funds transferred in, bond proceeds, loan repayments, and interest earnings of the Fund. The types of projects that can be funded under the loan account include the following:

- Construction or upgrade of treatment facilities
- Replacement of contaminated sources with new water sources
- Installation or upgrade of disinfection facilities
- Restructuring or acquisition and interconnection of systems to address technical, financial, and managerial capacity issues
- Planning and engineering associated with eligible projects
- Replacement of aging infrastructure
- Transmission lines and finished water storage
- Distribution system replacement/rehabilitation
- Acquisition of land that is integral to an SRF eligible project
- Refinancing eligible projects where debt was incurred after July 1, 1993
- Other projects necessary to address compliance and enforcement issues

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Limitations of the DWRLF Loan Fund Account

The SDWA allows states to buy or refinance debt obligations of municipal, inter-municipal, or interstate agencies where the debt obligation was incurred and the project was initiated after July 1, 1993. We will only consider these applications after all projects addressing public health protection and compliance have been considered. Funds in the loan fund account will be invested in interest bearing accounts; however, funds will not remain in the account primarily to earn interest.

The federal DWRLF rules and regulations (CFR 40:35.3520) specifically lists the following projects that cannot be funded through the DWRLF:

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- Dams, or rehabilitation of dams
- Water rights, except if the water rights are owned by a system that is being purchased through consolidation as a part of a capacity development strategy
- Reservoirs, except finished water reservoirs and those reservoirs that are part of the treatment process and are on the property where the treatment facility is located
- Laboratory fees for monitoring
- Operation and maintenance expenses
- Projects needed primarily for fire protection
- Projects for systems that lack adequate technical, financial, and managerial capacity, unless assistance will ensure compliance
- Projects for systems in significant noncompliance, unless funding will ensure compliance
- Projects primarily intended to serve future growth

B. DWRLF Set-Aside Account

This account will provide assistance for set-aside activities funded through the DWRLF. The types of projects to be funded by the DWRLF set-aside account include, for example, technical assistance to small systems, enhancement of the Administration of the Public Water Supply Supervision (PWSS) Program, implementation of the capacity development program, and enhancement of the operator certification program. A complete description of set-aside activities is provided in Section V.

Each set-aside activity will have a separate sub-account that will be tracked separately in the state accounting and financial reporting system. Sub-account reports will provide expenditures to reporting for the DWRLF annual report required by the SDWA. Sub-accounts have been established for the following set-asides:

- *Small system technical assistance*—for assistance to small systems through state personnel or agreements with third party assistance providers.
- *State Program Management*—for PWSS program support, capacity development strategy implementation, and operator certification program support.
- *Administration*—for reasonable costs of administering the DWSRF program
- *Local Assistance and other state programs*—for providing assistance, including technical and financial assistance, to public water systems as part of a capacity

C. DWRLF Administrative Fee Fund Account

Fund resources from this account will be used to support the state operation and management of the DWRLF. This account will hold the 0.5% fee charged on the outstanding loan balances collected by the State of Louisiana from applicants. Funds in this account will be used to ensure the long-term operation and administration of the program. This fund currently contains approximately $5,715,889 and is accounted for separately outside of the loan fund.

IV. FINANCIAL STATUS OF THE DWRLF

This section reports on all sources of funding available to the DWRLF program and indicates their intended uses. This section also describes the financial assistance terms available through the program.

A. Sources and Uses of Funds

The total amount of funds in the DWRLF available and the intended allocation to each activity is presented in Attachment 2-Sources & Uses of Funds. It reflects the allotment of funds from the federal capitalization grant for FFY16 to the state of Louisiana and identifies Louisiana's total funding sources. $480,304,669 in cumulative resources is estimated to be available to the State of Louisiana's DWRLF in SFY17, including capitalization grants for FFY 97 through FFY16, ARRA funds, loan repayments, and state matching funds. Of the cumulative available resources, $36,989,608 (as amended) has been specified for set-aside activities, $41,068,000 of interest collected has been used to retire state match bonds, and $325,502,612 has been loaned to water systems. The result is $76,744,449 available for new loans.

Appendix A demonstrates how the State of Louisiana plans to disperse these available funds for qualifying projects. It depicts projects which are working through the loan process toward closing a loan. All of these projects will be used for equivalency reporting purposes.

B. State Match Source

In order to receive each of the EPA capitalization grants (excluding the ARRA grant), the federal capitalization grant must be matched with either state funds or a letter of credit like instrument equal to at least 20 percent of the grant payments. To meet this requirement, the DWRLF secures its state match through a bond issuance. The bonds are structured as a non-revolving line of credit secured by the revenue of the loan portfolio. The interest collected on the existing loan portfolio is used to retire the state match revenue bonds. State match totaling $2,279,200 will be provided through the sale of revenue

bonds to match the FFY 16 federal funds deposited into the DWRLF.

FFY 16 Capitalization Grant breakdown is as follows:

Capitalization Grant	$11,396,000
20% State Match	$ 2,279,200
Total Funds	$13,675,200
Set-Asides (Specified)	$2,105,000

The EPA Administrator, or his/her duly authorized representative, and the State of Louisiana shall jointly establish a schedule of payments under which the EPA Administrator, or his duly authorized representative, will pay to the State of Louisiana the amount of each grant to be made to the State. This payment schedule is based on Louisiana's projection of binding commitments and use of set-aside funds as stated in this IUP. States must take all payments within the earlier of 8 quarters after grant award or 12 quarters of the allotment. Louisiana reserves the right to request grant payment amounts on an accelerated basis; however, the total grant payment amounts will not exceed the amounts shown in the following schedule unless the following grant payment schedule is amended in accordance with EPA regulations. The draw ratio for the FFY 16 capitalization grant is 80.30% federal funds and 19.70% state funds.

The FFY 16 Capitalization Grant Payment Schedule is as follows:

Federal Fiscal Year Quarter	Grant Payment Amount
Fourth Quarter 2016	$2,849,000
First Quarter 2017	$2,849,000
Second Quarter 2017	$2,849,000
Third Quarter 2017	$2,849,000

The FFY 16 Capitalization Grant draw ratio: 80.30% Federal 19.70% State

C. Financial Terms of Loans

The SDWA allows states to charge interest rates ranging from 0 percent to the market rate for DWRLF loans. The secretary of LDHH sets the interest rate for the DWRLF. The interest rate has been set at 2.45% with the ability to raise it or lower it as the market dictates. An administrative fee of 0.5% of the outstanding balance is charged on all loans. The DWRLF provides interim construction financing to eligible recipients. Loan proceeds are disbursed to the recipient periodically as project expenses are incurred and after corresponding invoices are approved by LDHH. During the construction of the project, interest and administrative fees are due every six months. Once the project is complete, the loan is written down to the actual amount needed for the project and a final debt service schedule is provided for the recipient.

Interest and administrative fees are due every six months for the life of the loan. Principal payments are due annually for the life of the loan, not to exceed twenty years.

D. Financial Terms for Emergency and Disadvantaged Community System Financial Aid

Emergency Project:

An emergency project is one which is necessary to avoid or correct an imminent threat to public health as a result of a hurricane or other catastrophic event or casualty loss. This determination will be made by the Louisiana DHH utilizing standardized measures and readily available data such as:

- Maps, aerial photographs, etc. depicting the catastrophic event or the casualty loss
- Evidence that the system is or will be in violation of the SDWA or LAC 51:XII as a result of a hurricane or other catastrophic event or casualty loss. (standardized measure)
- Evidence of an imminent threat to public health as declared by the State Health Office as a result of a hurricane or other catastrophic event or casualty loss.
- State and/or Federal governmental documentation including but not limited to: declarations, executive orders, economic indicators, etc.

The construction of the project must be ready to proceed within 30 days of the signing of the loan commitment and must be completed in a timely manner in accordance with the construction schedule approved as a condition of the loan.
Pre award costs may be reimbursed with loan proceeds to the extent that such costs would be eligible for reimbursement from tax exempt bond proceeds under Reg. 1.150-2. (i.e., expense incurred by the system after the date of an official resolution or ordinance authorizing the loan.)

Disadvantaged community system

A disadvantaged community system is one which is experiencing or expects to experience fiscal stress as measured by its financial condition and competing demands for capital and operating

expenditures, as a direct or indirect result of a hurricane or other catastrophic event or casualty loss, as determined by the Secretary of LDHH.

Terms:

Financial aid provided for either emergency projects or disadvantaged community systems may be in the form of one or more or combination of the following forms:

- Longer loan term – Louisiana may extend the loan term from 20 to 30 years after the date of project completion, provided that the repayment period does not exceed the design life of the project.

- Loan interest may be reduced up to 75% of the currently effective DWRLF loan rate.

- Principal forgiveness – DHH may offer partial principal forgiveness, subject to the availability of those funds, to systems that truly need this form of assistance to maintain affordable rates and financial capacity. The long-term impact of the fund must be considered prior to finalizing financial aid involving principal forgiveness.

E. Financial Terms for Refinancing Local Debt

Debt obligations of municipal, inter-municipal, or interstate agencies where the debt obligation was incurred and the project was initiated after July 1, 1993 may be refinanced by the DWRLF. The terms of the loans made to refinance debt will be the same as those of other loans made by the DWRLF as stipulated in section IV.B of this IUP.

F. American Recovery and Reinvestment Act (ARRA) of 2009

Under the 2009 American Recovery and Reinvestment Act (ARRA), the Louisiana Drinking Water Revolving Loan Fund (DWRLF) received $27,626,000 for infrastructure and environmental improvements to public water systems across the state. Of the total $27,626,000, $315,000 was used to pay for the adminstration of program, thus leaving $27,311,000 that was distributed to 28 qualifing projects across the state.The ARRA legislation required 20% of the funds be used for EPA certified green projects and that all projects receiving ARRA monies be under contract before February 17, 2010.

Even with this amount of funds being nearly three times a typical years's allotment and with less than one year to get projects under contract,we are pleased to announce the DWRLF and its staff not only met all ARRA requirements, but went above and beyond to award over $81 million dollars of both ARRA and base SRF assistance to the 28 qualifing projects. The DWRLF also exceeded the 20% green requirement of $5,525,200 by almost $1 million and all of the 28 projects were under contract by February 17, 2010. As required, all ARRA funds were disbursed by February 17, 2013. Attachment 6 is a list of the projects funded with ARRA funds.

V. SET-ASIDE ACTIVITIES

The SDWA allows each state to set-aside up to 31% of its federal capitalization grant to support various drinking water programs including administration, technical assistance, state program management, and special activities. The State of Louisiana is specifying $2,082,920 of this grant to fund set-aside activities and using $22,080 of previously unspecified funds from prior grant years to fund set-aside activities for a total of $2,105,000 (18.47% of FFY16 Capitalization Grant) (Attachment 1). We will continue to operate under the existing detailed work plans and submit new ones this year to fund these activities which are further described in the next sections. Attachment 5 depicts those set-asides previously specified and those spent to date. We will report the progress of the set-aside activities to EPA in the annual report. There is $165,440 in new unspecified funds from the FFY16 grant. We will retain the ability to take these and previously unspecified monies from a future capitalization grant to fund set-aside activities in the future. We will transfer any set-aside funding that is unused back to the DWRLF loan fund account.

A. DWRLF Administrative Expenses (SDWA reference - 1452(g)(2), Max allowed: 4%; up to $455,840 of FFY16 grant)

The loan program is administered by the Louisiana Department of Health and Hospitals–Office of Public Health (DHH-OPH). The administration set-aside will be used to pay salaries and associated expenses of new and existing personnel of DHH-OPH devoting time to the administration of the program. Administration set-aside funds can also be used to procure supplies and training necessary for the adequate performance of the staff.

The State reserves $455,840 (4.0% of $11,396,000) from the FFY16 cap grant to fund the administration set-aside. Louisiana specifies $300,000 of the FFY16 cap grant and classifies the remaining $155,840 as unspecified. The cumulative remaining balance of unspecified funds of $3,158,529 will be retained to take from a future capitalization grant to fund administrative activities in future years. (Attachment 1) The expenses associated with this set-aside for SFY '17 will be funded from this capitalization grant and any unexpended funds from previous years.

B. Small System Technical Assistance (SDWA reference - 1452(g) (2), Max allowed: 2%; up to $227,920 of FFY16 grant)

These funds will be used to accomplish the goal of providing technical assistance to public water supplies serving fewer than 10,000 people. Louisiana uses this set-aside to fund personnel and assistance providers. Personnel and the contracted assistance providers provide specific activities such as the following:

- Assisting small systems in meeting SDWA compliance: The State of Louisiana's major SDWA compliance problem is bacteriological maximum contaminant level (MCL) violations occurring in small PWSs under the Total Coliform Rule. Louisiana is addressing the prevention of bacteriological MCL violations in two ways: (1) holding quarterly Safe Drinking Water Compliance Training Schools and (2) conducting on-site visits with the owners/operators of systems experiencing compliance problems.
- Review of source water problems and drinking water needs; identification and evaluation of technical options.
- Assisting small systems in preparing the applications for DWRLF assistance.
- Assisting small systems in complying with all cross cutting requirements of the DWRLF and other state requirements.
- Assisting small systems with locating and procuring sources of funding in addition to the DWRLF to meet their needs at the lowest possible cost.

The State reserves $227,920 (2.0% of $11,396,000) from the FFY16 cap grant dollars to fund the small system technical assistance set-aside. Louisiana specifies $227,920 of the FFY16 cap grant and reclaims $22,080 of previously unspecified dollars for a total of $250,000 to fund these activities. The cumulative remaining balance of unspecified funds of $2,461,850 will be retained to take from a future capitalization grant to fund small system technical assistance activities in future years. (Attachment 1) The expenses associated with this set-aside for SFY '17 will be funded from any unexpended funds from previous years.

C. State Program Management (SDWA reference - 1452(g)(2), Max allowed: 10%; up to $1,139,600 of FFY16 grant)

These funds will be used to enhance the State's administration of its Public Water Supply Supervision (PWSS) program outlined by the SDWA, to implement the capacity development strategy, and to implement an operator certification program. The State reserves $1,139,600 (10% of $11,396,000) from the FFY16 cap grant to fund the state program management set-aside. Louisiana specifies $1,130,000 from this grant and classifies the remaining $9,600 as unspecified. The

cumulative unspecified funds of $7,418,806 will be retained to take from a future capitalization grant to fund state program activities in future years. (Attachment 1) The expenses associated with this set-aside for SFY '17 will be funded from this capitalization grant and any unexpended funds from previous years.

This set-aside requires a one to one state match beyond the 20 percent state match for federal capitalization grants. However, credit is given for the match and over-match funding provided by the state for the PWSS grant in SFY1993 and for the state over-match in the SFY16 PWSS funding plus any self-generated funds by the PWSS Program.

Sub-Category of State Programs Set-Aside	Amount Budgeted
Public Water Supply Supervision	1,130,000.00
Capacity Development	-
Operator Certification	-
Total Specified Set-Aside Funds	1,130,000.00

PWSS Program

Louisiana will use the state program management set-aside funds to support PWSS activities. This activity provides funding to accomplish augmentation of the PWSS Grant and assist in administration of the PWSS program activities. We will assist PWSS program accomplish its goals and objectives by funding fourteen staff positions. These positions are the Data Management position, 8 Sanitarian positions and 3 engineering positions.

Capacity Development Program

Louisiana will, use a portion of the State Program Management set-aside funds from previous grants to fund its capacity development program. Staff positions and outside contractors will be funded to provide public water systems with the tools and financial assistance they need to obtain and maintain the technical, financial, and managerial capacity needed to ensure a supply of safe drinking water for Louisiana citizens. The goal of the program is to identify the technical, financial, and managerial impediments confronted by water systems in their efforts to provide safe and sustainable drinking water. After identifying the impediments we will be able to more appropriately determine and accomplish solutions to capacity problems. Such solutions could include technical or financial assistance or encouragement of consolidation, collaboration, regionalization, and contract operations and maintenance cooperatives.

Operator Certification Program

Louisiana can use the state program management set-aside funds to support its operator certification program. If needed due to budget constraints, we will assist the operator certification program accomplish its goals and objectives with funding.

D. Local Assistance and Other State Programs (SDWA reference - 1452(g)(2), Max allowed: 10% for any one activity; overall up to 15% or $1,709,400 of FFY16 grant)

Louisiana will use $425,000 of this set-aside fund as shown in Attachment 5 to provide assistance, including technical, managerial, and financial assistance, to public water systems as part of its capacity development strategy in SFY '17. Louisiana will use $425,000 of these set-aside funds from the FFY17 grant.

VI. CRITERIA AND METHOD FOR DISTRIBUTION OF FUNDS

A. Distribution of Funds

The SDWA provides each state with flexibility to determine how much of their grant should be used for infrastructure loans, disadvantaged assistance, and set-aside activities. However, with this flexibility comes responsibility to determine how to best direct funds to address the problems in our state. We believe it is critical to evaluate and understand the impact of our decisions in order to ensure that assistance will be available in the future. There is a direct relationship between set-aside funding and the long-term loan capacity of the DWRLF. This impact is significant and might suggest that we should limit our set-aside use. After consultation with the stakeholders, we determined to use 18.47 percent of the FFY16 funds for set-aside activities. Many of the activities conducted under the set-asides can have a direct impact on preventing future problems in the public water systems. Ensuring that operators are properly trained and enhancing the technical, financial and managerial capacity of small water systems can also reduce the need for costly infrastructure improvements. We will reevaluate our use of set-asides on an annual basis as we develop the IUP to determine whether set-asides levels should be reduced or increased in the future.

Section 1452 authorizes the establishment of a drinking water revolving loan fund to provide financial assistance to eligible water systems. The Federal allotment for FFY16, including the state match, is $13,675,200. Louisiana reserved 19.73% or $2,248,360 of the grant for set-aside activities, specified $2,082,920 and reclaims $22,080 in funds from previously unspecified set-asides, resulting in $2,105,000 (18.47%) specified for the set-aside activities described previously. This results in $11,570,200 available for loans through the drinking water revolving loan fund program, for this funding cycle.

B. Capacity Assessment 1452 (a) (3) (A)

The SDWA requires that a public water system applying for a DWRLF loan must show that it has the technical, financial, and managerial capacity to ensure compliance. If a system does not have adequate capacity, assistance may only be provided if it will help the system to achieve capacity. The goal of this requirement is to ensure that DWRLF assistance is not used to create or support non-viable systems. The Business Plan and the System Improvement Plan are completed as part of the DWRLF loan application process.

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Technical Capacity

To demonstrate technical capacity, DWRLF loan applicants must show that drinking water sources are adequate, that the system's source, treatment, distribution and storage infrastructure are adequate and that personnel have the technical knowledge to efficiently operate and maintain the system. As part of reviewing a loan applicant's System Improvement Plan, Louisiana reviews the system's records to assure that the system is being properly operated and maintained. The water system must not have outstanding water compliance problems unless the DWRLF project is intended to correct those problems. The engineering reports, plans, and specifications for the proposed DWRLF-funded project and the system's System Improvement Plan will all be evaluated during the loan application process for technical capacity compliance.

Financial Capacity

To demonstrate financial capacity, the applicant must show that the system has sufficient and dedicated revenues to cover necessary costs and demonstrate credit worthiness and adequate fiscal controls. Louisiana reviews the applicant's business plan, which includes 5-year projections, the project budget, the three (3) most recent annual financial reports, and/or audits, and other financial information to ensure adequate financial capacity of the applicant.

Managerial Capacity

To demonstrate managerial capacity, the water system must have personnel with expertise to manage the entire water system operation. Louisiana reviews the applicant's managerial capacity via the Business Plan and supporting documentation to assure that management is involved in the day to day supervision of the water system, is responsive to all required regulations, is available to respond to emergencies, and is capable of identifying and addressing all necessary capital improvements and assuring financial viability. The water system must have a qualified water operator in accordance with the state's operator certification program. The management personnel of the water system are strongly encouraged to attend a state approved 4-hour management training session.

Long-Term Capacity

Louisiana will assess whether each water system has a long-term plan to undertake feasible and appropriate changes in operations necessary to develop adequate capacity. In making these assessments, Louisiana will consult with local public health units and review any available Water Resource Management Strategies, Comprehensive Studies, the Drinking Water Needs Survey and other available engineering reports in an effort to improve the overall capacity of systems requesting assistance. Louisiana will encourage consolidation efforts when two or more systems can benefit and also encourage other options, such as contract management or partnerships with other communities in their area. The priority-ranking criterion provides additional points to encourage this objective.

C. Establishing Project Priority

The Project Priority System developed and utilized by Louisiana meets the requirements of the SDWA (Attachment 4). Projects will be ranked against all other projects competing for funds. Single projects will be limited to a total of 30% of the capitalization grants available unless adequate projects are not available to commit all available funds. The LDHH may waive this maximum amount depending upon the number of applications. The principal elements addressed by the project priority system are:

- Elimination of adverse public health effects
- Unacceptable/undesirable physical conditions
- Environmental criteria
- Affordability criteria

The first step in developing the Comprehensive Project Priority List is a determination of project eligibility. Systems eligible for assistance are community water systems, both publicly and privately owned and non-profit non-community water systems. Once projects are determined to be eligible, they will be rated in six (6) categories to determine their project priority ranking for funding under the DWRLF. These specific categories are:

- *Compliance History* - This is evaluated by reviewing the SDWA MCL violations assessed in the last eight (8) quarterly reports.

- *System Consolidation* - This area examines the population that is proposed to be absorbed into the subject system from other public water systems.

- *Affordability* - If the service area lies within a census tract where the Median Household Income is 25% or more below the State average the system is awarded priority points.

- *Physical Conditions* - Priority points will be awarded for certain specific, existing physical conditions **IF** the proposal would correct the identified condition.
- *Sanitary Code Violations* - priority points may be awarded to the system for violations of each of the Sanitary Code sections, which would be, corrected by/under the proposal.
- *Other Considerations* - Additional priority points (or penalty points) may be awarded (or subtracted) for a variety of other factors. They are:

  - Additional points if the proposal represents part of a new multi-year, multi-phase project or a project that has received prior DWRLF funding and is a loan in good standing.
  - Additional points if the project has also secured a partial project funding commitment from another source (e.g., Rural Development Grant, a grant and/or loan from the Rural Utilities Service, Community Development Block Grant, etc.)
  - The system's priority rating may be reduced by points if the proposal addresses problems which could be resolved by normal repair and maintenance.
  - The system's priority rating may also be reduced by points if the proposal includes work that is not necessary to address the stated public health problem.

The DWRLF has a policy in place to provide the Deputy Chief Engineer of the State's Safe Drinking Water Program a copy of the Selected Plan Description from any potential loan project's System Improvement Plan (SIP). The Deputy Chief Engineer then provides the SIP's Selected Plan Description to the SDWP Enforcement Section and the SDWP's District and Regional Offices in which the project is located for their review concerning any significant enforcement issues that may need to be addressed as part of the proposed project. Additionally, the SIP must contain a 'Compliance Status' section that contains a copy of the system's latest Sanitary Survey, a list of all violations received within the last 3 years, and a list of all Administrative Orders/Boil Notices received/issued within the last 3 years. These are then verified by the reviewing DWRLF Project Engineer and considered as part of the SIP review process in order to determine if there are any significant enforcement issues that should be dealt with through the use of the funds. Lastly, the application contains a Project Priority Criteria Worksheet which includes providing additional priority points for selecting projects that have and are addressing current or potential future enforcement issues. Amendments to the Project Priority System will be considered, as appropriate, to reflect the changing character of the program. Projects are identified through a solicitation of all eligible water systems. Once the systems have submitted pre-applications, the projects are rated. They are ranked based on assigned priority points and two lists are compiled. Those two lists are referred to as the Comprehensive Priority List and the Fundable List. These lists are as follows:

The Comprehensive Priority List includes all the public water systems, which have submitted a completed DWRLF Application. The proposed projects are listed and ranked on this list in priority order based upon the priority ranking system. (Appendix A)
The Fundable List is the estimated projects that will close during the fiscal year. This list is only an estimate and is not binding toward which projects actually receive funds. The DWRLF closes loan on a 'ready to proceed' basis. (Appendix B)

The systems on either of the lists described above will be given six months to submit a complete loan application package. The basic components of the complete loan application package include a loan application form, approved environmental review checklist, resolution, site certificate for easement or title to project site(s), agreements for professional services, approved business plan, and an approved System Improvement Plan (SIP) (including an Environmental Impact Document). A project on the Fundable List may be bypassed and removed from consideration during the funding year because of failure to meet all program requirements.

Once one or more systems on the Fundable List have been bypassed, the agency will then turn its attention to those projects existing on the Comprehensive Priority List below the previously drawn funding line. Any system(s) existing on the Comprehensive Priority List below the previously drawn funding line which have submitted a complete loan application will then be advanced up into the Fundable List based upon their priority order until the available funding is consumed.

Information for listing projects will be accepted by OPH on a continuous basis. However, deadlines for projects in a particular FFY IUP will be established each year. New projects will be ranked and added to the Comprehensive Priority List as they are identified by applicants interested in DWRLF Financing.

Any project that has had no written communication with the Drinking Water Revolving Loan Fund staff for a period of two (2) years and has presented no other evidence of progress toward completion of items that are prerequisites to funding during the two-year period shall be deemed to be a dormant project and may be removed from the DWRLF Comprehensive Priority List.
To maintain an up to date Comprehensive List for public review, the DWRLF keeps a constantly revised list posted on our website at www.dhh.louisiana.gov/index.cfm/page/430

Emergency Projects and Disadvantaged Community System Procedure

Projects which meet the definition of emergency projects or disadvantaged community systems may be added to the priority list at any time, and if all applicable requirements have been met, they may be funded at any time. To the extent possible, the Louisiana DHH will make financing available from the DWRLF funds which become available through the bypass procedure during the year so that qualifying emergency projects or disadvantaged community systems may receive immediate assistance. Emergency projects or disadvantaged community systems will be funded prior to any projects which have not yet received DWRLF written loan commitments. If funding for multiple emergency projects or disadvantaged community systems is requested, funding shall be awarded to the smallest requests first, in order that the greatest number of projects/systems may receive assistance.

In accordance with 40 CFR 35.3555(c)(2)(iii) Louisiana DHH will identify any emergency projects funded during the year in its Annual Report and during the annual review.

In accordance with 40 CFR 35.3555(c) (2) Louisiana DHH will notify EPA and the public via an amended IUP when a disadvantaged community system will be funded and DHH will collaborate with EPA staff to obtain approval at that time.

D. Small System Funding

Louisiana will review the Fundable and Comprehensive Lists to determine if at least 15 percent of the projected funding amount will be for public water systems that regularly serve fewer than 10,000 people, as required by the SDWA. Due to various non-controllable time lags, some projects proceed toward loan closing faster than others. Additionally, large projects are usually phased in resulting in multiple loans over multiple years. LDHH can also limit the amount borrowed by systems exceeding the population requirements when necessary to meet the requirements of the Act. Consequently, these lists will not be adjusted at this time, but constant monitoring of projects proceeding through the loan process will be accomplished to maintain the required 15 percent funding for small systems.

E. Tie Breaking Procedure

When two or more projects other than emergency projects and disadvantaged community system projects score equally under the project priority systems a tie breaking procedure will be used. The project with the smallest number of existing customers served will receive higher ranking.

F. Bypass Procedure/Readiness to Proceed

The LDHH reserves the right to allow lower priority projects to bypass higher priority projects for funding if, in the opinion of the DWRLF Program Manager, a higher priority project has not taken the necessary steps to expeditiously prepare for funding and is not ready to proceed with construction. Where it becomes evident to the OPH-DWRLF Program Manager that a project on the Fundable List is not proceeding to construction within the specified time during the current funding year, he may remove the project from the Fundable List and return it to the Comprehensive Priority List.

If a project must be by-passed because it has been delayed, this may affect the project's priority ranking in the following year. The LDHH may also, in cases of a public health or environmental emergency, (e.g., source contamination, flood, hurricane, etc.) raise the priority of a project currently on the Comprehensive Priority List above that of a project on the Fundable List.

G. Refinancing Existing Loans

The DWRLF may be used to buy or refinance debt obligations for DWRLF projects. The long-term debt must have been incurred after July 1, 1993 to be eligible for refinancing. Consideration for these applications will be entertained only after projects addressing public health protection and compliance have been considered and the loan term cannot exceed the useful life of the project.

VII. FFY 16 PROGRAM REQUIREMENTS

A. Green Project Reserve (GPR)

For federal fiscal year 2016, funds may, at the discretion of each state, be used to address green infrastructure improvements. As the GPR is not mandatory for the FFY 2016 grant, the Louisiana DWRLF will not set aside funds specifically for projects deemed 'green' based on EPA's established definition.

In the past, the Louisiana DWRLF has advertised/solicited Green Projects through public announcement and targeted emails to water systems and consulting engineers, has met with the Louisiana Department of Natural Resources (LDNR) to discuss energy efficiency projects, has discussed potentially jointly funding green projects with the Louisiana CWSRF, has requested from the Louisiana Safe Drinking Water Program a list of non-metered water systems, and has called non-metered water systems to solicit potential green projects. The Louisiana DWRLF is also continuing to review current project applications for green potential eligibility, contacting and working with consulting engineers to find potential green components in existing applications for projects, continuing to work with LDNR to find and possibly jointly fund potential energy efficiency projects, and working with consulting engineers of current projects with identified green components to develop business cases for EPA approval.

B. Additional Subsidy Funds

The FY2016 Appropriation Bill also contains an additional subsidies provision. The provision states that not less than 20 percent of the funds made available under this capitalization grant shall be used to provide additional subsidy to eligible recipients in the form of forgiveness of principal, negative interest loans, or grants (or any combination of these). To fulfill this requirement, Louisiana proposes to blend additional subsidization funds awarded under the FFY 2016 Drinking Water Capitalization Grant with projects funded from base DWSRF Loan Program funds and repaid principal from Tier II monies. Projects on the existing Comprehensive and Fundable lists that utilize this additional subsidization in the form of principal forgiveness must meet the applicable FFY 2016 Drinking Water Capitalization Grant requirements in effect for the entire project even if only partly funded from the FFY 2016 grant. Louisiana has provided a list of projects and the amount of each project's share of the FY 16 Capitalization Grant Additional Subsidization funds in Appendix A of this Intended Use Plan. 20% or $2,279,200, of the FY 2016 Drinking Water Capitalization Grant dollars will be targeted for additional subsidies to any eligible recipient of assistance from the base State Revolving Fund. The additional subsidy will be in the form of principal forgiveness of up to 20% of the loan principal, with a cap of $500,000 of principal forgiveness per project. Principal

forgiveness will be specified in the DWRLF Loan & Pledge Agreement for the amount forgiven.

C. American Iron and Steel Requirement

The Consolidated Appropriations Act of 2016 (Public Law 114-133) includes an "American Iron and Steel (AIS)" requirement that requires Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) assistance recipients to use iron and steel products that are produced in the United States for projects for the construction, alteration, maintenance, or repair of a public water system or treatment works if the project is funded through an assistance agreement. The appropriation language sets forth certain circumstances under which EPA may waive American Iron and Steel requirements. Furthermore, the act exempts projects where engineering specifications and plans were approved by a state agency prior to January 17, 2014. However, if the recipient can justify a claim made under one of the categories below, a waiver may be granted. Until a waiver is granted by the EPA, the AIS requirement must be adhered to as described in the act. A waiver may be provided if EPA determines the following items; applying these requirements would be inconsistent with the public interest; iron and steel products are not produced in the United States in sufficient and reasonably available quantities and of a satisfactory quality; or .inclusion of iron and steel products produced in the United States will increase the cost of the overall project by more than 25 percent.

D. Davis-Bacon Requirements

For this fiscal year, the requirements of section 1450(e) of the Safe Drinking Water Act (42 U.S .C. 300j-9(e)) shall apply to any construction project carried out in whole or in part with assistance made available by a drinking water treatment revolving loan fund as authorized by section 1452 of that Act (42 U.S .C . 300j-12) . In order to comply with this provision, the Louisiana DWRLF must include in all assistance agreements, whether in the form of a loan, bond purchase, grant, or any other vehicle to provide financing for a project, executed on or after October 30, 2009 (date of enactment of P .L. 111-88), for the construction of any works under the DWSRF, a provision requiring the application of Davis-Bacon Act requirements for the entirety of the construction activities financed by the assistance agreement through completion of construction, no matter when construction commences .
Although, no application of the Davis-Bacon Act requirements where such a refinancing occurs for a project that has completed construction prior to October 30, 2009.

E. Sustainability Policy

EPA has developed a Sustainability Policy that "encouraging communities to develop sustainable systems that employ effective utility management practices to build and maintain the level of technical, financial and managerial capacity necessary to ensure long-term sustainability." The Louisiana DWSRF program maintains a strong capacity development program which includes a comprehensive review of each loan applicant for technical, financial and managerial capacity. This program is the platform for Louisiana's sustainability program because it already incorporates the three tiered review. Applicants are evaluated through detailed technical reviews, financial audits and managerial checklists. The Louisiana Capacity Development Program, funded through the use of set-asides provides communities that lack the technical, managerial, and financial capacity technical assistance free of charge to help these communities reach the overall goal of sustainability. An annual Capacity Development Report is provided to EPA each year, prior to September 30th, detailing all of the activities which are incorporated into the ongoing strategy for ensuring sustainability for public water supply systems. The report provides information on Louisiana's efforts through enforcement, permitting, operator certification, source water assessment, Area-Wide Optimization Program, small system technical assistance program and the PWS Sanitary Survey Program.

F. Reporting Requirements

Louisiana must report in the DWSRF Project Benefits Reporting (PBR) systems on the use of all SRF funds (EPA Order 5700.7). This information will also need to be included in the Annual Report. Quarterly reporting shall include use of the funds for the GPR and additional subsidization, as well as information on the environmental benefits of SRF assistance.
All projects that submit an application and are put on Comprehensive Priority List must comply with all Federal Crosscutters; Single Audit Act; and follow federal requirements to comply with the Disadvantaged Business Enterprise Program to receive funding thru the DWRLF.Louisiana must also report into The FFATA Sub award Reporting System (FSRS) under the Federal Funding Accountability and Transparency Act (FFATA) of 2006. The intent of FFATA is to empower every American with the ability to hold the government accountable for each spending decision. The end result is to reduce wasteful spending in the government. The FFATA legislation requires information on federal awards (federal financial assistance and expenditures) be made available to the public via a single, searchable website, which is www.USASpending.gov.The FSRS is the reporting tool federal prime awardees (i.e. prime contractors and prime grants recipients) use to capture and report sub award and executive compensation data regarding their first-tier sub awards to meet the FFATA reporting requirements.

VIII. INTENDED USE PLAN AMENDMENT PROCEDURES

The DWRLF has contracted with the financial advisor firm of Public Financial Management (PFM). Part of the contract will be for the purpose of leveraging the program *if the need arises in the future*. The DWRLF will keep EPA updated on the status of this situation and provide any amendments to this IUP that are necessary.

Revisions to this Intended Use Plan (IUP) that are determined material will require public notice and EPA notification and approval. Revisions to this IUP that are determined not to be material shall be made by DWRLF with notification to EPA or through EPA's required annual reporting.

Attachments

FS99698-			NEW SET-ASIDES RESERVED						SPECIFIED FUNDS				RECLAIMED SPECIFIED			
GRANT	GRANT	GRANT	4%	2%	10%	15%	TOTAL	%	4%	2%	10%	15%	4%	2%	10%	15%
1998	02	9,949,200	$397,968	198,984	994,920	-	1,591,872	16.00%	397,968	161,100	994,920	-	-	-	-	-
1999	03	10,427,700	$417,108	208,554	1,042,770	97,684	1,766,116	16.94%	415,737	161,100	968,406	97,684			-	-
2000	04	10,837,400	$433,496	216,748	1,083,740	-	1,733,984	16.00%	425,511	161,100	484,215	-	-	-	-	-
2001	05	18,934,800	$757,392	378,696	1,893,480	-	3,029,568	16.00%	-	-	-	-	-	-	-	-
2003	06	8,004,100	$320,164	160,082	800,410	11,487	1,292,143	16.14%	290,000	160,082	800,410	11,487		9,918	39,590	-
2004	07	8,303,100	$332,124	166,062	830,310	-	1,328,496	16.00%	332,124	166,062	830,310	-	67,876	3,938	69,690	-
2005	08	8,285,500	$331,420	165,710	828,550	-	1,325,680	16.00%	230,000	165,710	750,000	-	-	19,290	-	
2006	09	11,658,600	$466,344	233,172	1,165,860		1,865,376	16.00%	-	233,172	1,165,860	-	-	3,490	109,140	-
2007	10	11,659,000	$466,360	233,180	1,165,900		1,865,440	16.00%	-	233,180	-	-	-	3,482	-	-
2008	11	11,540,000	$461,600	230,800	1,154,000		$1,846,400	16.00%	461,600	200,000	1,154,000	-	38,400	-	146,000	-
2009	ARRA	27,626,000	$1,105,040	552,520	2,762,600		$4,420,160	16.00%	315,000							
2009	12	11,540,000	461,600	230,800	1,154,000		1,846,400	16.00%	461,600		1,154,000		138,400		146,000	
2010	13	25,649,000	1,025,960	512,980	2,564,900		4,103,840	16.00%	525,000	100,000	1,800,000					
2011	14	17,798,000	711,920	355,960	1,779,800	415,000	3,262,680	18.33%	450,000	100,000	1,600,000	415,000				
2012	15	16,962,000	678,480	339,240	1,696,200	425,000	3,138,920	18.51%	475,000	125,000	1,696,200	425,000			153,800	
2013	16	15,914,000	636,560	318,280	1,591,400	425,000	2,971,240	18.67%	520,000	250,000	1,591,400	425,000			183,600	
2014	17	12,127,000	485,080	242,540	1,212,700	475,000	2,415,320	19.92%	485,080	242,540	1,212,700	475,000	29,920	7,460	162,300	
2015	18	12,047,000	481,880	240,940	1,204,700	425,000	2,352,520	19.53%	481,880	235,000	950,000	425,000	543,120			
2016	19	11,396,000	455,840	227,920	1,139,600	425,000	2,248,360	19.73%	300,000	227,920	1,130,000	425,000		22,080		
Totals		281,078,700	$10,787,308	5,621,574	28,107,870	4,741,201	$49,713,793									

FS99698-			TOTAL SET-ASIDES SPECIFIED						NEW UNSPECIFIED FUNDS*				CUMULATIVE AVAILABLE UNSPSECIFIED				
GRANT	GRANT	GRANT	4%	2%	10%	15%	TOTAL	%	4%	2%	10%	15%	4%	2%	10%	15%	
1998	02	9,949,200	397,968	161,100	994,920	-	1,553,988	15.62%	-	37,884	-	-	116,409	278,190	645,507	-	1,040,106
1999	03	10,427,700	415,737	161,100	968,406	97,684	1,642,927	15.76%	1,371	47,454	74,364	-	117,780	325,644	719,871	-	1,163,295
2000	04	10,837,400	425,511	161,100	484,215	-	1,070,826	9.88%	7,985	55,648	599,525	-	125,765	381,292	1,319,396	-	1,826,453
2001	05	18,934,800	-	-	-	-	-	0.00%	757,392	378,696	1,893,480	-	883,157	759,988	3,212,876	-	4,856,021
2003	06	8,004,100	290,000	170,000	840,000	11,487	1,311,487	16.39%	30,164	-	-	-	913,321	750,070	3,173,286	-	4,836,677
2004	07	8,303,100	400,000	170,000	900,000	-	1,470,000	17.70%	-	-	-	-	845,445	746,132	3,103,596	-	4,695,173
2005	08	8,285,500	230,000	185,000	750,000	-	1,165,000	14.06%	101,420	-	78,550	-	946,865	726,842	3,182,146	-	4,855,853
2006	09	11,658,600	-	236,662	1,275,000	-	1,511,662	12.97%	466,344	-	-	-	1,413,209	723,352	3,073,006	-	5,209,567
2007	10	11,659,000	-	236,662	-	-	236,662	2.03%	466,360	-	1,165,900	-	1,879,569	719,870	4,238,906	-	6,838,345
2008	11	11,540,000	500,000	200,000	1,300,000	-	2,000,000	17.33%	-	30,800	-	-	1,841,169	750,670	4,092,906	-	6,684,745
2009	ARRA	27,626,000	315,000				315,000		790,040	552,520	2,762,600		2,631,209	1,303,190	6,855,506		10,789,905
2009	12	11,540,000	600,000		1,300,000		1,900,000	16.46%		230,800			2,492,809	1,533,990	6,709,506		10,736,305
2010	13	25,649,000	525,000	100,000	1,800,000		2,425,000	9.45%	500,960	412,980	764,900		2,993,769	1,946,970	7,474,406		12,415,145
2011	14	17,798,000	450,000	100,000	1,600,000	415,000	2,565,000	14.41%	261,920	255,960	179,800		3,255,689	2,202,930	7,654,206		13,112,825
2012	15	16,962,000	475,000	125,000	1,850,000	425,000	2,875,000	16.95%	203,480	214,240	-		3,459,169	2,417,170	7,500,406		13,376,745
2013	16	15,914,000	520,000	250,000	1,775,000	425,000	2,970,000	18.66%	116,560	68,280			3,575,729	2,485,450	7,316,806		13,377,985
2014	17	12,127,000	515,000	250,000	1,375,000	475,000	2,615,000	21.56%					3,545,809	2,477,990	7,154,506		13,178,305
2015	18	12,047,000	1,025,000	235,000	950,000	425,000	2,635,000	21.87%		5,940	254,700		3,002,689	2,483,930	7,409,206		12,895,825
2016	19	11,396,000	300,000	250,000	1,130,000	425,000	2,105,000	18.47%	155,840		9,600		3,158,529	2,461,850	7,418,806		13,039,185
Totals		281,078,700	8,084,619	3,159,724	20,689,064	4,741,201	36,674,608										

ATTACHMENT #1
SET-ASIDE TRACKING

ATTACHMENT #2 -SOURCES & USES OF FUNDS

SOURCES OF FUNDS AVAILABLE @ 06/30/16

Federal Grants	$242,056,700		
State Matching Funds	$48,411,340		
Repayments-principal	$99,227,328		
Interest repayments	$37,450,336		
Investment earnings	$1,327,765		
ARRA Federal Grant	$27,626,000		
Total		$456,099,469	

ANTICIPATED SFY 17 REVENUES

FFY 16 Federal Grant	11,396,000		
Associated State Match	$2,279,200		
Repayments-Principal	$6,700,000		
Interest repayments	$3,730,000		
Investment earnings	$100,000		
Total		$24,205,200	
TOTAL SOURCES			$480,304,669

LESS COMMITMENTS:

Set- Asides:(specified)			
Administration	$8,084,619		
ARRA Administration	$315,000		
Technical Assistance	$3,159,724		
State Programs	$20,689,064		
Local Programs	$4,741,201		
Total Set-Asides		$36,989,608	
Retire Bonds (Interest earned)		$41,068,000 *	
Loans closed to date net of write-downs		$325,502,612 [1]	
TOTAL USES			$403,560,220
AVAILABLE FOR ADDITIONAL LOANS			$76,744,449

*** All interest earned is used to retire state match bonds**

[1] **See list of closed loans on next page**

APPENDIX A depicts the needs of those systems applying for funding to be : **$67,621,650**

System Name	ARRA	Date Closed	Loan Amount	System Name	ARRA	Date Closed	Loan Amount
Town of Church Point		08/17/99	$ 2,500,000.00	United Water System, Inc. #2	X	02/04/10	$ 940,895.00
City of Oakdale		01/21/00	$ 1,492,411.90	Town of Blanchard	X	02/05/10	$ 3,657,000.00
Ward 2, Water Dist., Livingston Parish		06/15/00	$ 9,000,000.00	Bayou Des Cannes Water System, Inc.	X	02/08/10	$ 2,222,520.00
Town of Many #1		12/19/00	$ 998,521.68	City of Thibodaux	X	02/08/10	$ 5,707,276.05
Town of Many #2		12/19/00	$ 1,075,319.77	Town of Walker	X	02/09/10	$ 520,000.00
Town of Many #3		12/19/00	$ 1,470,191.67	ACUD#1	X	02/09/10	$ 1,000,000.00
City of Shreveport #1		11/08/01	$ 7,000,000.00	City of Natchitoches loan 2	X	02/10/10	$ 5,000,000.00
City of Shreveport #2		11/08/01	$ 7,000,000.00	City of Mansfield	X	02/11/10	$ 4,120,000.00
City of Shreveport #3		12/28/01	$ 5,540,000.00	New Orleans S & W Board	X	02/11/10	$ 3,346,418.30
Town of Baldwin		08/28/01	$ 1,249,626.75	Town of Delhi		03/29/10	$ 7,500,000.00
West Winnsboro		09/28/01	$ 648,093.00	Ward 2- Livingston Parish-Loan 3		07/26/10	$ 4,000,000.00
DeSoto Parish WWD #1		02/19/02	$ 2,350,000.00	WWD #1 of Terrebonne Parish		12/29/10	$ 1,880,809.12
Village of Quitman		05/23/02	$ 480,000.00	Ward 2- Livingston Parish-Loan 4		11/30/11	$ 8,000,000.00
Colyell Community Water System		06/27/02	$ 948,599.80	City of Alexandria-Loan 2		10/11/11	$ 7,610,000.00
Culbertson Water System, Inc.		06/27/02	$ 598,225.75	City of Mansfield-Loan 2		12/28/11	$ 1,550,000.00
City of Natchitoches		08/15/02	$ 3,500,000.00	Avoyelles Ward One		12/28/11	$ 1,329,365.22
City of Westlake		03/27/03	$ 3,739,906.34	City of Mansfield-Loan 3		01/06/12	$ 3,280,000.00
Ascension Water Co., Inc.		12/22/03	$ 6,000,000.00	City of Winnfield		02/16/12	$ 2,500,000.00
Lafayette Waterworks Dist. North		06/03/04	$ 2,738,586.52	City of Pearl River		04/13/12	$ 1,800,000.00
New Iberia - Louisiana Water Co.		11/30/04	$ 6,000,000.00	Town of Blanchard-loan 2		08/16/12	$ 8,400,000.00
Ward 2, Water Dist., Livingston Parish		07/12/05	$ 5,984,678.07	Town of Blanchard-loan 3		08/16/12	$ 4,930,000.00
City of Springhill		06/15/07	$ 7,456,558.00	South Vernon WWD#1		09/26/12	$ 677,012.15
City of Monroe		06/28/06	$ 3,000,000.00	Town of Lutcher		10/23/12	$ 1,570,000.00
French Settlement		05/01/07	$ 770,066.82	Town of Delhi-loan 2		11/29/12	$ 1,870,000.00
Ascension Water Co., Inc. #2		12/19/06	$ 5,000,000.00	Village of Loreauville		12/19/12	$ 1,310,000.00
New Iberia - Louisiana Water Co. #2		12/19/06	$ 3,500,000.00	Town of Ville Platte -loan 2		12/19/12	$ 9,450,000.00
Savoy Swords Water System, Inc.		12/19/06	$ 907,237.85	Beauregard Parish WWD #3		04/03/13	$ 3,000,000.00
Town of Slaughter		11/28/07	$ 1,355,000.00	Mount Hermon Water District		05/08/13	$ 700,000.00
Town of Slaughter		06/30/08	$ 640,522.90	Town of Gramercy		08/09/13	$ 1,500,000.00
Town of Slaughter		06/30/08	$ -	City of Leesville		08/09/13	$ 4,800,000.00
Buckeye Water District #50, Inc.		06/30/08	$ 400,000.00	Southeast Grant , Inc.		08/14/13	$ 351,200.00
Point Wilhite Water System, Inc.		02/18/08	$ 925,000.00	St. John the Baptist		09/18/13	$ 5,500,000.00
Gardner Community Water Association, Inc.	X	12/22/09	$ 1,333,945.33	WWD #12 of Calcasieu Parish		10/30/13	$ 2,000,000.00
City of Ruston	X	10/21/09	$ 3,334,000.00	Town of New Llano		02/04/14	$ 1,000,000.00
West Winnsboro #2		06/06/08	$ 467,459.84	WWD#1 of Jefferson Parish		02/05/14	$ 3,550,000.00
Town of Franklin	X	02/02/10	$ 2,705,000.00	Town of Olla		03/12/14	$ 500,000.00
United Water System, Inc.		06/06/08	$ 360,333.26	North Franklin Water Works, Inc.		03/12/14	$ 3,750,000.00
Natchitoches WWD#2		12/23/08	$ 3,500,000.00	Weston Water System		06/24/14	$ 405,000.00
Natchitoches WWD#2-loan 2		12/23/08	$ 649,276.49	Village of Esterwood		08/20/14	$ 990,000.00
Colyell Community Water System #2		03/12/09	$ 899,732.40	Village of Mermentau		09/24/15	$ 1,000,000.00
Calcasieu WWD #8 Series A-B	X	08/04/09	$ 641,000.00	French Settlement #2		12/14/14	$ 1,250,000.00
Calcasieu WWD #8 Series C	X	08/04/09	$ 209,000.00	Terrebonne WWD#1-#2		12/23/14	$ 4,200,000.00
Buckeye Water District #50, Inc., Loan #2	X	10/07/09	$ 1,142,000.00	Town of Bernice		02/03/15	$ 255,000.00
Shreveport #4	X	11/06/09	$ 10,692,302.04	City of Natchitoches, Loan #3		05/07/15	$ 2,000,000.00
Morgan City	X	12/22/09	$ 3,984,000.00	Town of Homer		05/21/15	$ 3,600,000.00
Iberville Parish WWD #2	X	11/24/09	$ 3,206,141.79	Town of Greenwood		06/04/15	$ 5,250,000.00
Savoy Swords Water System, Inc. #2	X	12/22/09	$ 870,480.76	Rambin-Wallace Water System, Inc.		06/16/15	$ 235,000.00
City of Bogalusa	X	12/22/09	$ 5,000,000.00	Rapides WWD #3		06/25/15	$ 5,000,000.00
City of Baker	X	01/15/10	$ 4,200,000.00	Sabine WWD #1		06/25/15	$ 1,000,000.00
City of Alexandria	X	01/22/10	$ 4,390,000.00	St. Bernard		06/25/15	$ 11,000,000.00
Town of Pollock	X	01/22/10	$ 530,000.00	East Central Vernon Water System, Inc.		06/25/15	$ 1,515,000.00
City of Westlake Loan 2	X	01/26/10	$ 2,900,000.00	Point Wilhite Water System, Inc.		09/17/15	$ 1,610,000.00
East Allen Parish WWD	X	01/26/10	$ 1,273,198.24	Iberville Parish WWD #3		10/01/15	$ 8,000,000.00
Southwest Allen Parish WWD2	X	01/26/10	$ 995,000.00	Avoyelles WWD #1		12/22/15	$ 2,100,000.00
Kolin Ruby Wise Water District No. 11	X	02/02/10	$ 550,000.00	Town of Jackson		03/14/16	$ 800,000.00
DeSoto Parish WWD #1 Loan 2	X	02/02/10	$ 2,360,000.00				
City of Ville Platte	X	02/03/10	$ 4,050,000.00	**TOTAL**			$ 325,543,912.81

ATTACHMENT #3

PUBLIC HEARING –June 6, 2016 @10am

DHH Building at 628 North 4th Street, Room 127, Baton Rouge, LA

Good Morning. My name is Joel McKenzie and I am the Loan Coordinator for the Drinking Water Revolving Loan Fund Program. The Program falls under Engineering Services of the Office of Public Health, Department of Health and Hospitals. Each time we apply for a Capitalization Grant from the United States Environmental Protection Agency, we are required to hold a public hearing giving the public the opportunity to make any comments regarding the State's proposed uses of the funds being applied for. This public hearing is being conducted in conjunction with our application to EPA for the Federal Fiscal Year 2016 Capitalization Grant. The document that describes the proposed uses of the grant funds, the Intended Use Plan, has been available in draft form for public inspection for 30 days here at 628 North 4th Street in room 127 and on our website. I ask that each of you present sign the roll sheet to document to EPA and other interested parties your attendance here today.

Mrs. Jennifer Wilson, Program Manager, of the Drinking Water Revolving Loan Fund Program will now give a brief synopsis of the Intended Use Plan.

Do we have any comments or questions from the floor?

The comment period will remain open until close of business today or 4:30 CT. Any comments, questions, or lack thereof will be documented. This documentation, the roll sheet, and the proof of advertisement will be included in the final Intended Use Plan submitted to EPA as part of the formal application for the Capitalization Grant discussed today.

There being no further discussion, this public hearing is closed.

Synopsis of the Intended Use Plan

As stated by Joel, the Intended Use Plan includes proposed uses for the FFY16 Capitalization Grant. The FFY16 Grant amount available to Louisiana is $11,396,000. The State is required to provide a 20% match to obtain these grant funds and notify EPA of their method of providing this match. The State of Louisiana intends to negotiate another bond sale for the required match for this grant as well as any future grants that the State Legislature does not provide match for. The amount of state match required for the FFY16 Grant is $2,279,200. The total amount of funds available to the program from this grant, including Federal and State money, is $13,675,200.

In its Draft Intended Use Plan, Louisiana proposes to utilize $11,570,200 for making loans to Public Drinking Water Systems. Up to 31% of the funds are allowed to be set-aside for other uses; Louisiana intends to reserve these funds, which means that they can be drawn from future grants received from EPA. However, 18.47% or $2,105,000 has been specified for set-aside use from the FFY16 Grant.

Louisiana previously solicited applications from public water systems interested in obtaining loans from the program. These projects were ranked based upon their public health need, those with the most need at the top of the list. Appendix A of the IUP lists those projects that can be funded utilizing the funds available for loans. The draft has been amended to correct typographical and mathematical errors discovered during the 30-day public inspection period.

The Fundable list-Appendix B does not depict only projects that will be funded, because if a system on this list does not proceed through the loan process, it can be by-passed so that the funds are available to a system further down on the list that is proceeding appropriately.

CAPITAL CITY PRESS

Publisher of
THE ADVOCATE

PROOF OF PUBLICATION

The hereto attached notice was published in THE ADVOCATE, a daily newspaper of general circulation published in Baton Rouge, Louisiana, and the Official Journal of the State of Louisiana, City of Baton Rouge, and Parish of East Baton Rouge or published daily in THE NEW ORLEANS ADVOCATE, in New Orleans Louisiana, or published daily in THE ACADIANA ADVOCATE in Lafayette, Louisiana, in the following issues:

05/07/2016

Shelley Calloni, Public Notices Representative

Sworn and subscribed before me by the person whose signature appears above

5/7/2016

M. Monic McChristian,
Notary Public ID# 88293
State of Louisiana
My Commission Expires: Indefinite

PUBLIC NOTICE

Notice is hereby given that the Drinking Water Revolving Loan Fund Program, Office of Public Health, Louisiana Department of Health and Hospitals is applying for its 2016 federal fiscal year capitalization grant allotment from the United States Environmental Protection Agency for its drinking water project construction and non-project activities.

A public meeting to review and discuss the intended Use Plan (IUP), prepared as part of the grant application, will be held on Monday, June 6, 2016 at the Office of Public Health, Louisiana Department of Health and Hospitals, 628 North 4th Street, Baton Rouge, LA. The meeting will be in Room 127 from 10:00 a.m. to 11:00 a.m. Interested parties are invited to attend this meeting to ask questions and/or present oral comments on the IUP.

A copy of the IUP is available for public review at the following website:
http://www.dhh.louisiana.gov/index.cfm/page/430
entitled: DRAFT Intended Use Plan SFY 2016. Additionally, a copy of the IUP will be available for inspection starting Friday, May 6, 2016 Monday-Friday during regular office hours (8:00am-4:00pm) at the following location: Office of Public Health, Louisiana Department of Health and Hospitals, 628 North 4th Street, Room 127, Baton Rouge, LA 70802.

Written comments will be taken until 5:00 (4:00pm) Monday, June 6, 2016 and should be sent to Jennifer Wilson, Manager, Drinking Water Revolving Loan Fund Program, Office of Public Health, P.O. Box 4489, Baton Rouge, LA 70821-4489.

71857-may 7-11

DHH - LDA
JANE KILLEN
404 EUROPE ST
BATON ROUGE, LA 70802

071857-01

Federal Fiscal Year 2016 Capitalization Grant-

PUBLIC HEARING – June 6, 2016- 10am

DHH Building at 628 North 4th Street, Room 127, Baton Rouge, LA

NAME	AFFILIATION
Carl McKenzie	LDH – DWRLF
[illegible]	LDH - DWRLF
Jennifer Wilson	LDH - DWRLF
Marlyn Kemp	LDH - DWRLF
[illegible]	LDH - DWRLF

ATTACHMENT #4

LOUISIANA DWRLF PROJECT PRIORITY CRITERIA WORKSHEET

Water System: _____ PWSID: _____

Owner Name: _____ Parish: _____

Person Completing Worksheet: _____ Date: _____

Water Supply Source:	Water Supply Type:	Organizational Structure:
O Ground	O Community	O Governmental Entity
O Surface	O Non-Community	O Private for Profit
O Purchased	O Non-Transient Non-Community	O Private Non-Profit
O Combination		
Describe:		

Population Served: _____

ADMINISTRATIVE CRITERIA

Violations (SDWA Violations in Last 8 Quarters)

Number of Total Coliform MCL Violations	_____	x 2 pt each =	
Number of Acute Coliform MCL Violations	_____	x 6 pt each =	
Number of IESWTR Violations (Turbidity, C.T.)	_____	x 6 pt each =	
Number of Chemical MCL Violations (i.e. THM, HAA5)	_____	x 2 pt each =	
Number of Acute Chemical MCL Violations (i.e.nitrates, nitrites)	_____	x 6 pt each =	
Number of Secondary MCL Exceedances (i.e. iron, taste, odor)	_____	x 1 pt each =	

Consolidation (population absorbed from other PWSs)

Identify the size & number of other community and non community systems to be tied into this system

Population greater than 10,000	No. of Systems	_____	x 4 pt each =	
Population of 3,301 to 10,000	No. of Systems	_____	x 3 pt each =	
Population of 100 to 3,300	No. of Systems	_____	x 2 pt each =	
Population less than 100	No. of Systems	_____	x 1 pt each =	

Affordability

Service area lies within a census tract where the Median Household Income is 25% or more below the State average.	O Yes O No	If Yes, 4 pts	

Other

New multi-year, multi-phase project or project has received prior DWRLF funding	10 pt	
Project has funding commitment from another source	5 pt	
Proposal includes work to address pending federal/state rules and regulations (i.e. Arsenic rule, LT1ESWT rule, Filter Backwash Recycling rule)	5 pt	
Project includes adding fluoride	2 pt	
Identified problems may be resolved by routine maintenance	-5 pt	

Total Points on this Page = _____

Total Points from Page #2 = _____

TOTAL PRIORITY POINTS = _____

LOUISIANA DWRLF PROJECT PRIORITY CRITERIA WORKSHEET

Page 2

Water System: _____ PWSID: _____

Owner Name: _____ Parish: _____

Person Completing Worksheet: _____ Date: _____

PHYSICAL CRITERIA

For each YES answer to the questions below, provide the appropriate number of points in the blank.

Physical Conditions

System Condition	Condition to be Addressed	Pts	
Pressure less than 35 psi (but greater than 15 psi)	O Yes O No	1	
Leaks/Water Loss of 15% to 25% of production	O Yes O No	1	
Leaks/Water Loss greater than 25% of production	O Yes O No	2	
Dead Ends will be eliminated	O Yes O No	2	
Asbestos Cement Pipe or Lead Pipe (replacement)	O Yes O No	2	
No disinfection-PWS has a variance from mandatory disinfectio	O Yes O No	3	
Production less than 85% of potable (non-fire) demand	O Yes O No	3	
Storage less than 2 day potable demand	O Yes O No	2	
No meters or non-functioning meters	O Yes O No	5	
Source capacity inadequate	O Yes O No	2	
Industrial activity, Agricultural activity, Oil/Gas Spills, etc. are within source recharge area	O Yes O No	3	
Directly impacted by point source discharge	O Yes O No	2	
Unprotected Watershed	O Yes O No	2	
Will serve area not on community sewerage	O Yes O No	2	
Proposed system will replace private wells	O Yes O No	2	
Project includes system redundancy	O Yes O No	2	
Components exceeding design life to be replaced	O Yes O No	4	

NOTE: None of the above physical conditions are violations of the Louisiana Administrative Code, Title 51, Chapter XXII shown below.

Sanitary Code Violations

Louisiana Administrative Code Section Violated (Formerly Chapter 12 of the LA State Sanitary Code)	Violation to be Corrected	Pts	
LAC 51:XII.309 *(formerly 12:003-2)* Plant Supervision and Control	O Yes O No	1	
LAC 51:XII.327 *(formerly 12:008-1 thru -17)* Ground Water Supplies	O Yes O No	1	
LAC 51:XII.331 *(formerly 12:010)* Well Abandonment	O Yes O No	1	
LAC 51:XII.333 *(formerly 12:011-1 thru -5)* Reservoir Sanitation	O Yes O No	1	
LAC 51:XII.335 *(formerly 12:012-1 thru -4)* Distribution	O Yes O No	1	
LAC 51:XII.337 *(formerly 12:013-1 thru -4)* Storage	O Yes O No	1	
LAC 51:XII.355 *(formerly 12:021-1)* Mandatory Disinfection	O Yes O No	1	

Total Points on this Page = _____

Attachment 5

Administration Set-Aside

Grant Year	Grant #	Reserved	Specified	Unspecified (cumulative)	Expended	Specified Available
1997	FS-9969801	$816,812	$700,403	$116,409	$700,403	$0
1998	FS-9969802	$397,968	$397,968	$116,409	$397,968	$0
1999	FS-9969803	$417,108	$415,737	$117,780	$415,737	$0
2000	FS-9969804	$433,496	$425,511	$125,765	$425,511	$0
2001 & 2002	FS-9969805	$757,392	$0	$883,157	$0	$0
2003	FS-9969806	$320,164	$290,000	$913,321	$290,000	$0
2004	FS-9969807	$332,124	$400,000	$845,445	$400,000	$0
2005	FS-9969808	$331,420	$230,000	$946,865	$230,000	$0
2006	FS-9969809	$466,344	$0	$1,413,209	$0	$0
2007	FS-9969810	$466,360	$0	$1,879,569	$0	$0
2008	FS-9969811	$461,600	$500,000	$1,841,169	$500,000	$0
2009	ARRA	$1,105,040	$315,000	$2,631,209	$315,000	$0
2009	FS-9969812	$461,600	$600,000	$2,492,809	$600,000	$0
2010	FS-9969813	$1,025,960	$525,000	$2,993,769	$525,000	$0
2011	FS-9969814	$711,920	$450,000	$3,255,689	$450,000	$0
2012	FS-9969815	$678,480	$475,000	$3,459,169	$475,000	$0
2013	FS-9969816	$636,560	$520,000	$3,575,729	$0	$520,000
2014	FS-9969817	$485,080	$515,000	$3,545,809	$0	$515,000
2015	FS-9969818	$481,880	$1,025,000	$3,002,689	$0	$1,025,000
2016	FS-9969819	$455,840	$300,000	$3,158,529	$0	$300,000
	Totals	$11,243,148	$8,084,619		$5,724,619	$2,360,000

Small System Technical Assistance Set-Aside (SSTAS)

Grant Year	Grant #	Reserved	Specified	Unspecified (cumulative)	Expended	Specified Available
1997	FS-9969801	$408,406	$168,100	$240,306	$168,100	$0
1998	FS-9969802	$198,984	$161,100	$278,190	$161,100	$0
1999	FS-9969803	$208,554	$161,100	$325,644	$161,100	$0
2000	FS-9969804	$216,748	$161,100	$381,292	$161,100	$0
2001 & 2002	FS-9969805	$378,696	$0	$759,988	$0	$0
2003	FS-9969806	$160,082	$170,000	$750,070	$170,000	$0
2004	FS-9969807	$166,062	$170,000	$746,132	$170,000	$0
2005	FS-9969808	$165,710	$185,000	$726,842	$185,000	$0
2006	FS-9969809	$233,172	$236,662	$723,352	$236,662	$0
2007	FS-9969810	$233,180	$236,662	$719,870	$236,662	$0
2008	FS-9969811	$230,800	$200,000	$750,670	$200,000	$0
2009	ARRA	$552,520	$0	$1,303,190	$0	$0
2009	FS-9969812	$230,800	$0	$1,533,990	$0	$0
2010	FS-9969813	$512,980	$100,000	$1,946,970	$100,000	$0
2011	FS-9969814	$355,960	$100,000	$2,202,930	$100,000	$0
2012	FS-9969815	$339,240	$125,000	$2,417,170	$125,000	$0
2013	FS-9969816	$318,280	$250,000	$2,485,450	$250,000	$0
2014	FS-9969817	$242,540	$250,000	$2,477,990	$250,000	$0
2015	FS-9969818	$240,940	$235,000	$2,483,930	$145,754	$89,246
2016	FS-9969819	$227,920	$250,000	$2,461,850	$0	$250,000
	Totals	$5,621,574	$3,159,724		$2,820,478	$339,246

State Programs Set-Aside

Grant Year	Grant #	Reserved	Specified	Unspecified (cumulative)	Expended	Specified Available
1997	FS-9969801	$2,042,030	$1,396,523	$645,507	$1,396,523	$0
1998	FS-9969802	$994,920	$994,920	$645,507	$994,920	$0
1999	FS-9969803	$1,042,770	$968,406	$719,871	$968,406	$0
2000	FS-9969804	$1,083,740	$484,215	$1,319,396	$484,215	0
2001 & 2002	FS-9969805	$1,893,480	$0	$3,212,876	$0	0
2003	FS-9969806	$800,410	$840,000	$3,173,286	$840,000	0
2004	FS-9969807	$830,310	$900,000	$3,103,596	$900,000	$0
2005	FS-9969808	$828,550	$750,000	$3,182,146	$750,000	$0
2006	FS-9969809	$1,165,860	$1,275,000	$3,073,006	$1,274,171	$0
2007	FS-9969810	$1,165,900	$0	$4,238,906	$0	$0
2008	FS-9969811	$1,154,000	$1,300,000	$4,092,906	$1,300,000	$0
2009	ARRA	$2,762,600	$0	$6,855,506	$0	$0
2009	FS-9969812	$1,154,000	$1,300,000	$6,709,506	$1,300,000	$0
2010	FS-9969813	$2,564,900	$1,800,000	$7,474,406	$1,800,000	$0
2011	FS-9969814	$1,779,800	$1,600,000	$7,654,206	$1,600,000	$0
2012	FS-9969815	$1,696,200	$1,850,000	$7,500,406	$1,850,000	$0
2013	FS-9969816	$1,591,400	$1,775,000	$7,316,806	$1,597,269	$177,731
2014	FS-9969817	$1,212,700	$1,375,000	$7,154,506	$0	$1,375,000
2015	FS-9969818	$1,204,700	$950,000	$7,409,206	$0	$950,000
2016	FS-9969819	$1,139,600	$1,130,000	$7,418,806	$0	$1,130,000
	Totals	$28,107,870	$20,689,064		$17,055,504	$3,632,731

Local Programs Set-Aside

Grant Year	Grant #	Reserved	Specified	Unspecified (cumulative)	Expended	Specified Available
1997	FS-9969801	$2,042,030	$2,042,030	N/A	$2,042,030	$0
1999	FS-9969803	$97,684	$97,684	N/A	$97,684	$0
2003	FS-9969806	$11,487	$11,487	N/A	$11,487	$0
2011	FS-9969814	$415,000	$415,000	N/A	$415,000	$0
2012	FS-9969815	$425,000	$425,000	N/A	$425,000	$0
2013	FS-9969816	$425,000	$425,000	N/A	$425,000	$0
2014	FS-9969817	$475,000	$475,000	N/A	$406,908	$68,092
2015	FS-9969818	$425,000	$425,000	N/A	$0	$425,000
2016	FS-9969819	$425,000	$425,000	N/A	$0	$425,000
	Totals	$4,741,201	$4,741,201		$3,823,109	$918,092

ATTACHMENT 6

ARRA Project List

	ARRA FUNDS	Base SRF FUNDS	Total FUNDS
Ascension Consolidated Utilities District	$ 300,000	$ 700,000	$ 1,000,000
Bayou Des Cannes Water System	$ 666,700	$ 1,555,820	$ 2,222,520
Buckeye Water District #50	$ 684,000	$ 458,000	$ 1,142,000
Calcasieu Parish WWD #8	$ 384,000	$ 257,000	$ 641,000
City of Alexandria	$ 1,000,000	$ 3,390,000	$ 4,390,000
City of Baker	$ 2,000,000	$ 2,200,000	$ 4,200,000
City of Blanchard	$ 1,000,000	$ 2,657,000	$ 3,657,000
City of Bogalusa	$ 2,000,000	$ 3,000,000	$ 5,000,000
City of Franklin	$ 811,000	$ 1,894,000	$ 2,705,000
City of Mansfield	$ 1,000,000	$ 3,120,000	$ 4,120,000
City of Morgan City	$ 1,000,000	$ 2,984,000	$ 3,984,000
City of Natchitoches	$ 2,000,000	$ 3,000,000	$ 5,000,000
City of Ruston	$ 2,000,000	$ 1,334,000	$ 3,334,000
City of Shreveport	$ 2,000,000	$ 9,000,000	$ 11,000,000
City of Thibodaux	$ 1,000,000	$ 5,400,000	$ 6,400,000
City of Ville Platte	$ 2,000,000	$ 2,050,000	$ 4,050,000
City of Westlake	$ 870,000	$ 2,030,000	$ 2,900,000
Desoto Parish WWD #1	$ 708,000	$ 1,652,000	$ 2,360,000
East Allen Parish WWD	$ 385,000	$ 900,000	$ 1,285,000
Gardner Community Water Association	$ 423,000	$ 987,000	$ 1,410,000
Iberville WWD #2	$ 1,950,000	$ 1,300,000	$ 3,250,000
Kolin Ruby-Wise Water District 11A	$ 165,000	$ 385,000	$ 550,000
New Orleans Sewerage & Water Board	$ 1,800,000	$ 1,600,000	$ 3,400,000
Savoy Swords Water System	$ 265,800	$ 620,200	$ 886,000
Southwest Allen Parish Waterworks	$ 298,500	$ 696,500	$ 995,000
Town of Pollock	$ 159,000	$ 371,000	$ 530,000
Town of Walker	$ 156,000	$ 364,000	$ 520,000
United Water System	$ 285,000	$ 667,000	$ 952,000
	$ 27,311,000	**$ 54,572,520**	**$ 81,883,520**

ATTACHMENT 7

CASH FLOW PROJECTIONS

A requirement for the program by the EPA is that projections of cash be made for a term of 20 years. EPA has reiterated the importance of using the projections as a tool to monitor and manage the program. LDHH is receiving financial assistance for leveraging and other matters from Public Financial Management (PFM) through the Louisiana Public Facilities Association. PFM prepared the cash flow projections for LDHH.

These assumptions and projections were prepared for the United States Environmental Protection Agency for the purpose of receiving capitalization grants and for management of the program; therefore, they should not be used for any other purpose. Furthermore, even if the hypothetical assumptions described in this exhibit materialize, there will usually be differences between the projected and actual results because events and circumstances frequently do not occur as expected, and those differences may be material**. The following 7 pages contain the cash flow projections for the FFY16 Intended Use Plan.**

DEPARTMENT OF HEALTH AND HOSPITALS

DRINKING WATER REVOLVING LOAN FUND

A PROGRAM OF THE DEPARTMENT OF HEALTH AND HOSPITALS

Louisiana Public Facilities Authority - Drinking Water Revolving Loan Fund
30% Principal Forgiveness

Perpetuity Requirement	$	341,246,032.00	**Ending Balance**	$	408,697,814.20
Uncommitted Cap Grants	$	21,840,225.42	**Minimum Coverage**		
Cash on Hand (P+I)	$	41,295,877.68			

State Match Bond Assumptions	
Bonded or 1-Day Sale	Short-Term
Date of Issuance	8/1/2017
Term	10 Years
Interest Rate Scale	1.00%
Days Oustanding	1 days
Costs of Issuance	$4.00 per bond
Underwriter's Discount	$5.00 per bond
Reserve Fund Requirement	None
Coverage Requirement	1.20x

Loan Assumptions	**Loan Term #1**
Interest Rate	1.95%
Admin fee	0.50%
Term	20 Year
Drawdown Period	2 Year
First Repayment Occurs After	1 Year
Percentage of loan portfolio	100.00%

Investment Rate for Loan Fund	
At Arbitrage Yield?	
Other Rate Assumption	0.00%

Sources of Funds			
	Par Amount (State Match Bonds)	$	20,181,634.71
	Additional Funds	$	320,728,977.92
Total		$	340,910,612.63
Uses of Funds			
	State Match Loan Account	$	20,000,000.00
	Additional Funds	$	320,728,977.92
	Underwriter's Discount	$	100,908.17
	Costs of Issuance	$	80,726.54
	Rounding	$	-
Total		$	340,910,612.63

Bond Sizing Assumption	
Maximum or Level Funding	Maximum

Total Available for Loans	$	340,728,977.92

Other Sources of Funding	**8/1/2017**	**8/1/2018**	**8/1/2019**	**8/1/2020**	**8/1/2021**	**8/1/2022**	**8/1/2023**	**8/1/2024**	**8/1/2025**	**8/1/2026**	**Total**
Capitalization Grant	$ 10,000,000.00	$ 10,000,000.00	$ 10,000,000.00	$ 10,000,000.00	$ 10,000,000.00	$ 10,000,000.00	$ 10,000,000.00	$ 10,000,000.00	$ 10,000,000.00	$ 10,000,000.00	$ 100,000,000.00
Less Set-Asides from Cap. Grant	$ (2,000,000.00)	$ (2,000,000.00)	$ (2,000,000.00)	$ (2,000,000.00)	$ (2,000,000.00)	$ (2,000,000.00)	$ (2,000,000.00)	$ (2,000,000.00)	$ (2,000,000.00)	$ (2,000,000.00)	$ (20,000,000.00)
State Match Requirement (Bonded)	$ 2,000,000.00	$ 2,000,000.00	$ 2,000,000.00	$ 2,000,000.00	$ 2,000,000.00	$ 2,000,000.00	$ 2,000,000.00	$ 2,000,000.00	$ 2,000,000.00	$ 2,000,000.00	$ 20,000,000.00
Recycling Funds	$ 52,399,786.82	$ 11,632,942.90	$ 11,644,935.65	$ 16,438,050.88	$ 17,575,640.50	$ 18,501,084.74	$ 19,935,996.64	$ 21,211,001.35	$ 22,699,482.20	$ 26,849,830.81	$ 218,888,752.50
Undrawn Funds	$ 21,840,225.42	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 21,840,225.42
Total	$ 84,240,012.24	$ 21,632,942.90	$ 21,644,935.65	$ 26,438,050.88	$ 27,575,640.50	$ 28,501,084.74	$ 29,935,996.64	$ 31,211,001.35	$ 32,699,482.20	$ 36,849,830.81	$ 340,728,977.92

Sources of Funding for Loans	**8/1/2017**	**8/1/2018**	**8/1/2019**	**8/1/2020**	**8/1/2021**	**8/1/2022**	**8/1/2023**	**8/1/2024**	**8/1/2025**	**8/1/2026**	
Par Amount (State Match Bonds)	$ 2,018,163.47	$ 2,018,163.47	$ 2,018,163.47	$ 2,018,163.47	$ 2,018,163.47	$ 2,018,163.47	$ 2,018,163.47	$ 2,018,163.47	$ 2,018,163.47	$ 2,018,163.47	$ 20,181,634.71
Additional Funds	$ 82,240,012.24	$ 19,632,942.90	$ 19,644,935.65	$ 24,438,050.88	$ 25,575,640.50	$ 26,501,084.74	$ 27,935,996.64	$ 29,211,001.35	$ 30,699,482.20	$ 34,849,830.81	$ 320,728,977.92
Total	$ 84,258,175.71	$ 21,651,106.37	$ 21,663,099.12	$ 26,456,214.35	$ 27,593,803.97	$ 28,519,248.21	$ 29,954,160.11	$ 31,229,164.83	$ 32,717,645.67	$ 36,867,994.28	$ 340,910,612.63

Uses of Funds											
State Match Loan Account	$ 2,000,000.00	$ 2,000,000.00	$ 2,000,000.00	$ 2,000,000.00	$ 2,000,000.00	$ 2,000,000.00	$ 2,000,000.00	$ 2,000,000.00	$ 2,000,000.00	$ 2,000,000.00	$ 20,000,000.00
Additional Funds	$ 82,240,012.24	$ 19,632,942.90	$ 19,644,935.65	$ 24,438,050.88	$ 25,575,640.50	$ 26,501,084.74	$ 27,935,996.64	$ 29,211,001.35	$ 30,699,482.20	$ 34,849,830.81	$ 320,728,977.92
Subtotal - Loans Funded	$ 84,240,012.24	$ 21,632,942.90	$ 21,644,935.65	$ 26,438,050.88	$ 27,575,640.50	$ 28,501,084.74	$ 29,935,996.64	$ 31,211,001.35	$ 32,699,482.20	$ 36,849,830.81	$ 340,728,977.92
Underwriter's Discount	$ 10,090.82	$ 10,090.82	$ 10,090.82	$ 10,090.82	$ 10,090.82	$ 10,090.82	$ 10,090.82	$ 10,090.82	$ 10,090.82	$ 10,090.82	$ 100,908.17
Costs of Issuance	$ 8,072.65	$ 8,072.65	$ 8,072.65	$ 8,072.65	$ 8,072.65	$ 8,072.65	$ 8,072.65	$ 8,072.65	$ 8,072.65	$ 8,072.65	$ 80,726.54
Rounding	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Total	$ 84,258,175.71	$ 21,651,106.37	$ 21,663,099.12	$ 26,456,214.35	$ 27,593,803.97	$ 28,519,248.21	$ 29,954,160.11	$ 31,229,164.83	$ 32,717,645.67	$ 36,867,994.28	$ 340,910,612.63

Louisana Public Facilities Authority - Drinking Water Revolving Loan Fund - Cash Flows

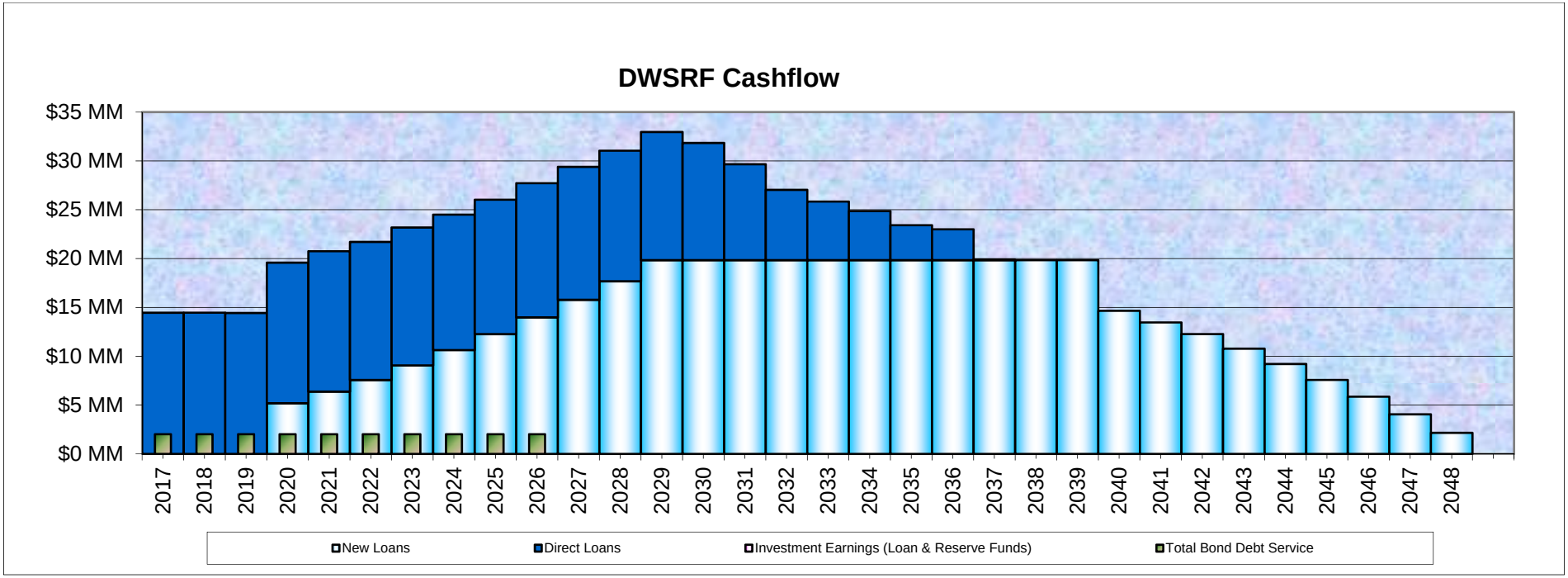
	Loan Interest Repayments	Revenues Available for State Match Debt Service	Remaining Interest Revenues Available	Loan Principal Repayments	Revenues Available for Leveraged Debt Service	Total Revenues	Excess Interest Revenues	Excess Principal Revenues	Accrued Interest Revenues Used for State Match Debt Service	Funds Used for Recycling
							3,006,267.59	38,289,610.09		-
8/1/2017	$ 5,155,781.50	$ 5,155,781.50	$ 5,155,781.50	$ 8,448,127.65	$ 13,603,909.14	$ 13,603,909.14	8,162,049.09	$ 46,737,737.74	$ 2,018,219.53	$ 52,399,786.82
8/1/2018	4,895,896.48	4,895,896.48	4,895,896.48	8,755,265.95	13,651,162.43	13,651,162.43	5,377,676.95	8,755,265.95	2,018,219.53	11,632,942.90
8/1/2019	4,627,024.66	4,627,024.66	4,627,024.66	9,036,130.53	13,663,155.18	13,663,155.18	5,108,805.12	9,036,130.53	2,018,219.53	11,644,935.65
8/1/2020	5,933,641.34	5,933,641.34	5,933,641.34	12,522,629.07	18,456,270.41	18,456,270.41	6,415,421.81	12,522,629.07	2,018,219.53	16,438,050.88
8/1/2021	5,948,016.25	5,948,016.25	5,948,016.25	13,645,843.78	19,593,860.03	19,593,860.03	6,429,796.72	13,645,843.78	2,018,219.53	17,575,640.50
8/1/2022	5,937,217.80	5,937,217.80	5,937,217.80	14,582,086.48	20,519,304.27	20,519,304.27	6,418,998.26	14,582,086.48	2,018,219.53	18,501,084.74
8/1/2023	5,998,151.17	5,998,151.17	5,998,151.17	15,956,065.00	21,954,216.17	21,954,216.17	6,479,931.64	15,956,065.00	2,018,219.53	19,935,996.64
8/1/2024	6,056,894.74	6,056,894.74	6,056,894.74	17,172,326.15	23,229,220.89	23,229,220.89	6,538,675.20	17,172,326.15	2,018,219.53	21,211,001.35
8/1/2025	6,107,590.82	6,107,590.82	6,107,590.82	18,610,110.91	24,717,701.73	24,717,701.73	6,589,371.29	18,610,110.91	2,018,219.53	22,699,482.20
8/1/2026	6,154,258.59	6,154,258.59	6,154,258.59	20,213,791.75	26,368,050.34	26,368,050.34	6,636,039.06	20,213,791.75	2,018,219.53	26,849,830.81
8/1/2027	6,192,316.84	6,192,316.84	6,192,316.84	21,800,636.60	27,992,953.43	27,992,953.43	10,810,136.36	21,800,636.60	-	-
8/1/2028	6,228,223.84	6,228,223.84	6,228,223.84	23,385,305.90	29,613,529.74	29,613,529.74	17,038,360.21	45,185,942.50	-	-
8/1/2029	6,312,179.44	6,312,179.44	6,312,179.44	25,160,795.96	31,472,975.40	31,472,975.40	23,350,539.64	70,346,738.46	-	-
8/1/2030	5,712,130.14	5,712,130.14	5,712,130.14	24,767,714.39	30,479,844.53	30,479,844.53	29,062,669.78	95,114,452.85	-	-
8/1/2031	5,129,101.00	5,129,101.00	5,129,101.00	23,291,292.31	28,420,393.31	28,420,393.31	34,191,770.78	118,405,745.16	-	-
8/1/2032	4,614,553.63	4,614,553.63	4,614,553.63	21,297,386.65	25,911,940.27	25,911,940.27	38,806,324.41	139,703,131.80	-	-
8/1/2033	4,135,022.20	4,135,022.20	4,135,022.20	20,685,792.89	24,820,815.09	24,820,815.09	42,941,346.60	160,388,924.70	-	-
8/1/2034	3,670,902.99	3,670,902.99	3,670,902.99	20,278,337.24	23,949,240.23	23,949,240.23	46,612,249.59	180,667,261.94	-	-
8/1/2035	3,245,982.34	3,245,982.34	3,245,982.34	19,354,103.32	22,600,085.66	22,600,085.66	49,858,231.93	200,021,365.25	-	-
8/1/2036	2,838,375.63	2,838,375.63	2,838,375.63	19,439,296.96	22,277,672.59	22,277,672.59	52,696,607.56	219,460,662.21	-	-
8/1/2037	2,431,348.39	2,431,348.39	2,431,348.39	16,824,913.78	19,256,262.17	19,256,262.17	55,127,955.96	236,285,576.00	-	-
8/1/2038	2,103,455.33	2,103,455.33	2,103,455.33	17,195,548.40	19,299,003.74	19,299,003.74	57,231,411.29	253,481,124.40	-	-
8/1/2039	1,768,142.14	1,768,142.14	1,768,142.14	17,616,839.34	19,384,981.48	19,384,981.48	58,999,553.43	271,097,963.74	-	-
8/1/2040	1,424,613.77	1,424,613.77	1,424,613.77	12,861,720.01	14,286,333.78	14,286,333.78	60,424,167.20	283,959,683.75	-	-
8/1/2041	1,173,810.23	1,173,810.23	1,173,810.23	11,987,220.33	13,161,030.56	13,161,030.56	61,597,977.43	295,946,904.08	-	-
8/1/2042	940,059.44	940,059.44	940,059.44	11,090,529.73	12,030,589.17	12,030,589.17	62,538,036.87	307,037,433.81	-	-
8/1/2043	723,794.11	723,794.11	723,794.11	9,865,855.94	10,589,650.04	10,589,650.04	63,261,830.97	316,903,289.74	-	-
8/1/2044	531,409.91	531,409.91	531,409.91	8,538,548.74	9,069,958.65	9,069,958.65	63,793,240.89	325,441,838.48	-	-
8/1/2045	364,908.21	364,908.21	364,908.21	7,119,637.94	7,484,546.16	7,484,546.16	64,158,149.10	332,561,476.43	-	-
8/1/2046	226,075.27	226,075.27	226,075.27	5,574,352.53	5,800,427.81	5,800,427.81	64,384,224.37	338,135,828.96	-	-
8/1/2047	117,375.40	117,375.40	117,375.40	3,909,805.53	4,027,180.93	4,027,180.93	64,501,599.77	342,045,634.49	-	-
8/1/2048	41,134.19	41,134.19	41,134.19	2,109,445.74	2,150,579.93	2,150,579.93	64,542,733.97	344,155,080.23	-	-
	$ 116,739,387.79	$ 116,739,387.79	$ 116,739,387.79	$ 483,097,457.49	$ 599,836,845.28	$ 599,836,845.28			$ 20,182,195.31	$ 218,888,752.50

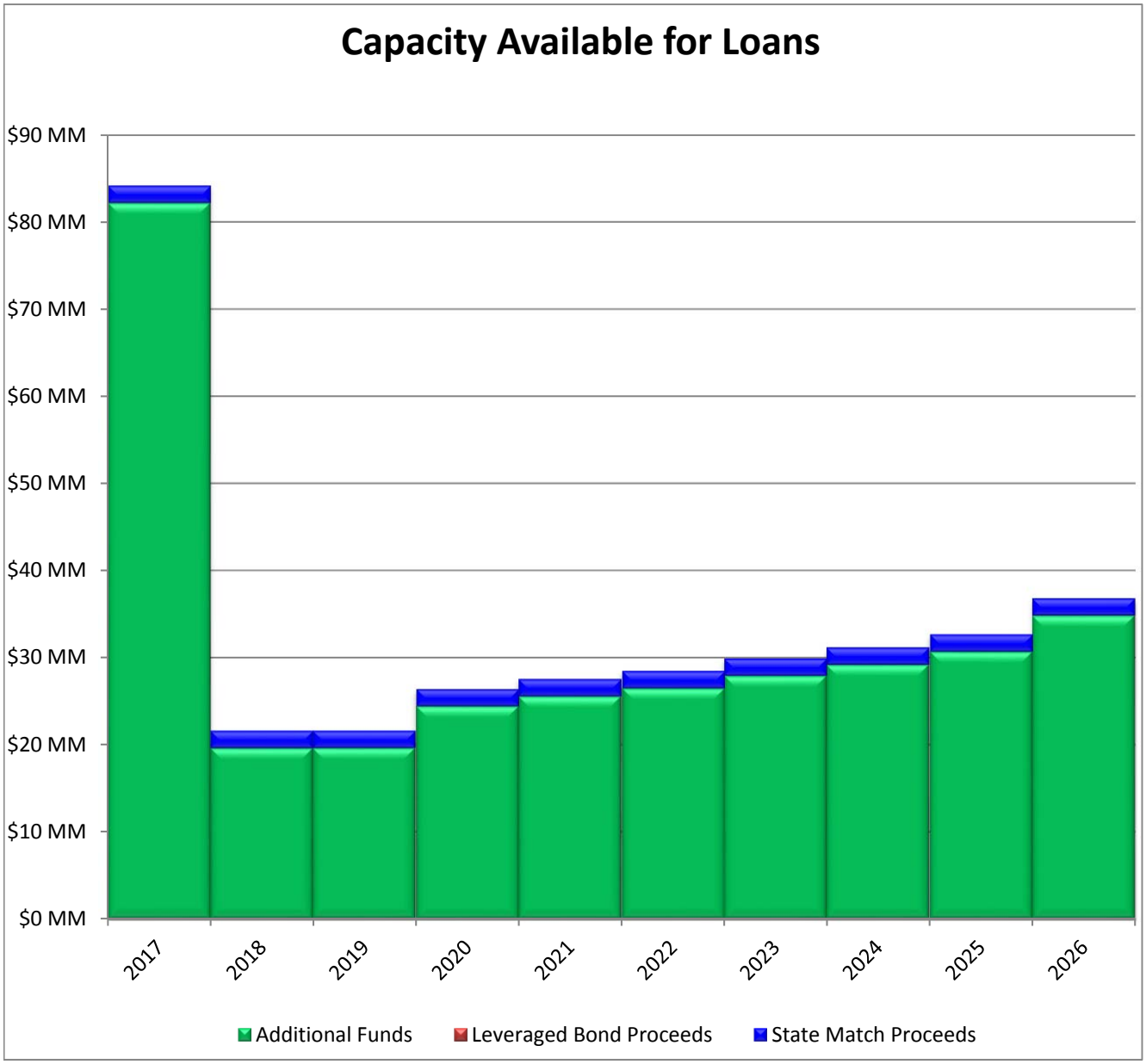
Louisana Public Facilities Authority - Drinking Water Revolving Loan Fund - Bond Debt Service Summary

	Leveraged Bond Debt Service			Match Bond Debt Service			Total Bond Debt Service		
	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total
8/1/2017	$ -	$ -	$ -	$ 2,018,163.47	$ 56.06	$ 2,018,219.53	$ 2,018,163.47	$ 56.06	$ 2,018,219.53
8/1/2018	-	-	-	2,018,163.47	56.06	2,018,219.53	2,018,163.47	56.06	2,018,219.53
8/1/2019	-	-	-	2,018,163.47	56.06	2,018,219.53	2,018,163.47	56.06	2,018,219.53
8/1/2020	-	-	-	2,018,163.47	56.06	2,018,219.53	2,018,163.47	56.06	2,018,219.53
8/1/2021	-	-	-	2,018,163.47	56.06	2,018,219.53	2,018,163.47	56.06	2,018,219.53
8/1/2022	-	-	-	2,018,163.47	56.06	2,018,219.53	2,018,163.47	56.06	2,018,219.53
8/1/2023	-	-	-	2,018,163.47	56.06	2,018,219.53	2,018,163.47	56.06	2,018,219.53
8/1/2024	-	-	-	2,018,163.47	56.06	2,018,219.53	2,018,163.47	56.06	2,018,219.53
8/1/2025	-	-	-	2,018,163.47	56.06	2,018,219.53	2,018,163.47	56.06	2,018,219.53
8/1/2026	-	-	-	2,018,163.47	56.06	2,018,219.53	2,018,163.47	56.06	2,018,219.53
8/1/2027	-	-	-	-	-	-	-	-	-
8/1/2028	-	-	-	-	-	-	-	-	-
8/1/2029	-	-	-	-	-	-	-	-	-
8/1/2030	-	-	-	-	-	-	-	-	-
8/1/2031	-	-	-	-	-	-	-	-	-
8/1/2032	-	-	-	-	-	-	-	-	-
8/1/2033	-	-	-	-	-	-	-	-	-
8/1/2034	-	-	-	-	-	-	-	-	-
8/1/2035	-	-	-	-	-	-	-	-	-
8/1/2036	-	-	-	-	-	-	-	-	-
8/1/2037	-	-	-	-	-	-	-	-	-
8/1/2038	-	-	-	-	-	-	-	-	-
8/1/2039	-	-	-	-	-	-	-	-	-
8/1/2040	-	-	-	-	-	-	-	-	-
8/1/2041	-	-	-	-	-	-	-	-	-
8/1/2042	-	-	-	-	-	-	-	-	-
8/1/2043	-	-	-	-	-	-	-	-	-
8/1/2044	-	-	-	-	-	-	-	-	-
8/1/2045	-	-	-	-	-	-	-	-	-
8/1/2046	-	-	-	-	-	-	-	-	-
	$ -	$ -	$ -	$ 20,181,634.71	$ 560.60	$ 20,182,195.31	$ 20,181,634.71	$ 560.60	$ 20,182,195.31

Louisana Public Facilities Authority - Drinking Water Revolving Loan Fund - Loan Repayments

		Direct Loans				New Loans				Direct Loans & New Loans				Repayments Pledged
		Principal	Interest	Admin. Fee	Total Payments	Principal	Interest	Admin Fee.	Total Payment	Total Principal	Total Interest	Admin. Fee	Total Payment	to Debt Service
8/1/2017	2017	$ 8,448,127.65	$ 5,155,781.50	$ 853,712.96	$ 14,457,622.10	$ -	$ -	$ -	$ -	$ 8,448,127.65	$ 5,155,781.50	$ 853,712.96	$ 14,457,622.10	$ 13,603,909.14
8/1/2018	2018	$8,755,265.95	4,895,896.48	811,134.82	14,462,297.25	-	-	-	-	8,755,265.95	4,895,896.48	811,134.82	14,462,297.25	13,651,162.43
8/1/2019	2019	$9,036,130.53	4,627,024.66	767,090.74	14,430,245.92	-	-	-	-	9,036,130.53	4,627,024.66	767,090.74	14,430,245.92	13,663,155.18
8/1/2020	2020	$9,326,277.48	4,349,461.11	721,632.09	14,397,370.67	3,196,351.59	1,584,180.24	406,200.06	5,186,731.89	12,522,629.07	5,933,641.34	1,127,832.15	19,584,102.56	18,456,270.41
8/1/2021	2021	$9,638,076.85	4,062,822.48	674,695.20	14,375,594.53	4,007,766.93	1,885,193.77	483,383.02	6,376,343.71	13,645,843.78	5,948,016.25	1,158,078.22	20,751,938.25	19,593,860.03
8/1/2022	2022	$9,742,552.69	3,766,599.24	626,198.82	14,135,350.74	4,839,533.79	2,170,618.56	556,568.86	7,566,721.21	14,582,086.48	5,937,217.80	1,182,767.68	21,702,071.95	20,519,304.27
8/1/2023	2023	$10,075,803.11	3,464,861.53	576,655.05	14,117,319.69	5,880,261.89	2,533,289.64	649,561.45	9,063,112.98	15,956,065.00	5,998,151.17	1,226,216.50	23,180,432.67	21,954,216.17
8/1/2024	2024	$10,181,080.36	3,159,045.21	526,409.79	13,866,535.36	6,991,245.79	2,897,849.53	743,038.34	10,632,133.65	17,172,326.15	6,056,894.74	1,269,448.13	24,498,669.01	23,229,220.89
8/1/2025	2025	$10,444,250.94	2,848,799.44	475,343.39	13,768,393.76	8,165,859.97	3,258,791.39	835,587.53	12,260,238.89	18,610,110.91	6,107,590.82	1,310,930.92	26,028,632.65	24,717,701.73
8/1/2026	2026	$10,788,083.59	2,529,449.54	422,767.13	13,740,300.26	9,425,708.16	3,624,809.05	929,438.22	13,979,955.43	20,213,791.75	6,154,258.59	1,352,205.35	27,720,255.69	26,368,050.34
8/1/2027	2027	$11,034,049.48	2,201,194.57	368,741.71	13,603,985.76	10,766,587.12	3,991,122.27	1,023,364.68	15,781,074.07	21,800,636.60	6,192,316.84	1,392,106.40	29,385,059.83	27,992,953.43
8/1/2028	2028	$11,186,424.69	1,867,910.12	313,735.95	13,368,070.76	12,198,881.22	4,360,313.72	1,118,029.16	17,677,224.10	23,385,305.90	6,228,223.84	1,431,765.11	31,045,294.86	29,613,529.74
8/1/2029	2029	$11,331,235.85	1,529,672.20	257,715.43	13,118,623.48	13,829,560.11	4,782,507.24	1,226,283.91	19,838,351.26	25,160,795.96	6,312,179.44	1,483,999.34	32,956,974.74	31,472,975.40
8/1/2030	2030	$10,599,330.06	1,199,299.32	202,618.14	12,001,247.52	14,168,384.33	4,512,830.82	1,157,136.11	19,838,351.26	24,767,714.39	5,712,130.14	1,359,754.25	31,839,598.78	30,479,844.53
8/1/2031	2031	$8,775,782.56	892,553.68	150,921.42	9,819,257.66	14,515,509.75	4,236,547.32	1,086,294.19	19,838,351.26	23,291,292.31	5,129,101.00	1,237,215.60	29,657,608.92	28,420,393.31
8/1/2032	2032	$6,426,246.91	661,058.74	111,740.07	7,199,045.72	14,871,139.74	3,953,494.88	1,013,716.64	19,838,351.26	21,297,386.65	4,614,553.63	1,125,456.71	27,037,396.98	25,911,940.27
8/1/2033	2033	$5,450,310.23	471,514.54	79,671.56	6,001,496.33	15,235,482.66	3,663,507.66	939,360.94	19,838,351.26	20,685,792.89	4,135,022.20	1,019,032.50	25,839,847.59	24,820,815.09
8/1/2034	2034	$4,669,585.25	304,487.24	51,422.04	5,025,494.53	15,608,751.99	3,366,415.75	863,183.52	19,838,351.26	20,278,337.24	3,670,902.99	914,605.56	24,863,845.79	23,949,240.23
8/1/2035	2035	$3,362,936.91	183,937.26	31,052.56	3,577,926.72	15,991,166.41	3,062,045.08	785,139.76	19,838,351.26	19,354,103.32	3,245,982.34	816,192.32	23,416,277.98	22,600,085.66
8/1/2036	2036	$3,056,346.97	88,158.29	14,884.92	3,159,390.19	16,382,949.99	2,750,217.34	705,183.93	19,838,351.26	19,439,296.96	2,838,375.63	720,068.86	22,997,741.45	22,277,672.59
8/1/2037	2037	$40,581.52	598.58	101.46	41,281.56	16,784,332.26	2,430,749.81	623,269.18	19,838,351.26	16,824,913.78	2,431,348.39	623,370.64	19,879,632.82	19,256,262.17
8/1/2038	2038	-	-	-	-	17,195,548.40	2,103,455.33	539,347.52	19,838,351.26	17,195,548.40	2,103,455.33	539,347.52	19,838,351.26	19,299,003.74
8/1/2039	2039	-	-	-	-	17,616,839.34	1,768,142.14	453,369.78	19,838,351.26	17,616,839.34	1,768,142.14	453,369.78	19,838,351.26	19,384,981.48
8/1/2040	2040	-	-	-	-	12,861,720.01	1,424,613.77	365,285.58	14,651,619.37	12,861,720.01	1,424,613.77	365,285.58	14,651,619.37	14,286,333.78
8/1/2041	2041	-	-	-	-	11,987,220.33	1,173,810.23	300,976.98	13,462,007.54	11,987,220.33	1,173,810.23	300,976.98	13,462,007.54	13,161,030.56
8/1/2042	2042	-	-	-	-	11,090,529.73	940,059.44	241,040.88	12,271,630.05	11,090,529.73	940,059.44	241,040.88	12,271,630.05	12,030,589.17
8/1/2043	2043	-	-	-	-	9,865,855.94	723,794.11	185,588.23	10,775,238.27	9,865,855.94	723,794.11	185,588.23	10,775,238.27	10,589,650.04
8/1/2044	2044	-	-	-	-	8,538,548.74	531,409.91	136,258.95	9,206,217.61	8,538,548.74	531,409.91	136,258.95	9,206,217.61	9,069,958.65
8/1/2045	2045	-	-	-	-	7,119,637.94	364,908.21	93,566.21	7,578,112.37	7,119,637.94	364,908.21	93,566.21	7,578,112.37	7,484,546.16
8/1/2046	2046	-	-	-	-	5,574,352.53	226,075.27	57,968.02	5,858,395.83	5,574,352.53	226,075.27	57,968.02	5,858,395.83	5,800,427.81
8/1/2047	2047	-	-	-	-	3,909,805.53	117,375.40	30,096.26	4,057,277.19	3,909,805.53	117,375.40	30,096.26	4,057,277.19	4,027,180.93
8/1/2048	2048	-	-	-	-	2,109,445.74	41,134.19	10,547.23	2,161,127.16	2,109,445.74	41,134.19	10,547.23	2,161,127.16	2,150,579.93
		$172,368,479.57	$ 48,260,125.72	$ 8,038,245.25	$228,666,850.54	$ 310,728,977.92	$ 68,479,262.06	$ 17,558,785.14	$ 396,767,025.13	$ 483,097,457.49	$ 116,739,387.79	$ 25,597,030.39	$ 625,433,875.67	$ 599,836,845.28


DWSRF Cashflow
$35 MM
$30 MM
$25 MM
$20 MM
$15 MM
$10 MM
$5 MM
$0 MM
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030
2031
2032
2033
2034
2035
2036
2037
2038
2039
2040
2041
2042
2043
2044
2045
2046
2047
2048
New Loans
Direct Loans
Investment Earnings (Loan & Reserve Funds)
Total Bond Debt Service


Capacity Available for Loans
$90 MM
$80 MM
$70 MM
$60 MM
$50 MM
$40 MM
$30 MM
$20 MM
$10 MM
$0 MM
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026
Additional Funds
Leveraged Bond Proceeds
State Match Proceeds

ATTACHMENT 8

LA DHH- OPH Competency Statements

Competency Demonstration #1 – Documented successful demonstrations of competency with applicable sampling and/or analytical equipment.

Competency is demonstrated through the sample collector's Initial Demonstration of Capability of performing the sample collection method and/or field measurement or through the staff collecting samples and/or using water quality monitoring equipment (HACH Test Kit Pocket Colorimeter II) for 3+ years.

Competency is demonstrated through the laboratory scientist's Initial Demonstration of Capability Certification (DOC) Statement for the method the scientist performs. The DOC statement includes an Initial Demonstration of Capability (IDC) study, which denotes the scientist's accuracy and precision, Method Detection Limit (MDL) study, and training checklist.

Competency Demonstration #2 - References of past performance (Other similar project grants is acceptable).

Competency is demonstrated through the maintenance of Quality Assurance Project Plans and Standard Operating Procedures for the Office of Public Health sample collection, analytical practices and data management for drinking water monitoring and compliance determination with the State and Federal Drinking Water Regulations.

Competency Demonstration #3 - Recent reports of technical and/or quality system assessments/audits of the organization, including associated corrective action plans.

Competency is demonstrated by the triennial audits of the Office of Public Health Laboratory by the USEPA Region 6 Drinking Water Laboratory Certification Program.

Competency is demonstrated by the triennial data verification audits and end of year reviews of the Office of Public Health Safe Drinking Water Program by the USEPA Region 6 Drinking Water Section.

Competency Demonstration #4 - Documented position descriptions for key personnel detailing major responsibilities and qualifications (e.g., education, training certificates, job experience, and active participation in professional associations).

Competency is demonstrated through the Quality Management Plan and the Quality Assurance Project Plans for Sample Collection/Data Management and Laboratory Practices that states position descriptions for key personnel detailing major responsibilities and qualifications and provides descriptions of the quality policies.

Competency is demonstrated through laboratory scientist's successful analysis of annual Proficiency Test samples and the requirement of licensure by the Louisiana State Board of Medical Examiners or the National Registry of Certified Chemists.

Competency Demonstration #5 - Organizational quality documentation, such as a QMP, laboratory QA manuals, field quality manuals that provide descriptions of the organization's quality policies. Such documents should include: all requirements described in EPA Requirements for Quality Management Plans (EPA QA/R-2) http://www.epa.gov/quality/qs-docs/r2-final.pdf.

See first competency statement for competency demonstration #4.

Competency Demonstration #6 - Technical/Project Level quality documentation, such as QAPPs, Sampling and Analysis Plans (SAPs) and/or standard operating procedures (SOPs). Such documents should include: auditing practices, descriptions of applicable equipment, method sensitivities, reporting practices, capacity, etc.

Competency is demonstrated through the USEPA Region 6 approval of the Quality Assurance Project Plans for Sample Collection/ Data Management and Laboratory Practices, Public Water System Supervision Work Plan and Quality Management Plan.

APPENDICES

DWRLF COMPREHENSIVE LIST OF APPLICANTS

System Name	PWSID	Est. Loan Amount	Points	Rank	Population	Project Description	Est. Date to Close Loan
Lake St. John WWD	1029006	238,000	**43**	1	1,500	Install a new Ground Storage Chlorination/Retention Tank, Booster Pump Station, and a Forced Draft In-Line Aerator to treat the raw water from the two existing wells before it gets to the existing clearwell in order to address TTHM issues. This project was brought forth in an effort to satisfy **Administrative Order NO. C-14-029-010-S1-DDBP-M-1**.	December-15
WWD#1 of Desoto Parish (Loan 3)	1031030	1,977,300	**29**	2	19,801	1 MGD concrete flocculation/settling basin, flocculation equipment, settling basin equipment and covers, settled water basin, transfer pumping facility, additional plant piping, 1 MGD Membrane Filtration System, ground water storage facilities, chemical injection system upgrades, electrical and control systems, additional water storage and miscellaneous and contingency items.	December-15
Calcasieu Parish WWD#5 (Ward 3 & 8)	1019084	15,000,000	**24**	3	4,680	The project will include extension of water lines to remove citizens from private wells, a new water treatment plant or an expansion of the existing water treatment plant and a potential consolidation of 2 or more water systems.	April-17
Town of Lutcher (Loan 2)	1093003	500,000	**23**	4	3,559	Install potable water isolation valves in specific locations based on a distribution system survey in order to regulate system pressure during line breaks and routine maintanance. Also, complete the water treatment plant upgrades (pipe gallery, filter piping, chemical feed system, clarifier, plant controls and control room) begun with the systems first loan from DWRLF in 2012	September-15
St. Bernard Parish Waterworks (Loan2)	1087001	10,000,000	**22**	5	41,635	Replacement of existing aged and deteriorated cast iron waterline segments in the St. Bernard Parish water distribution system with new PVC pipe to reduce and/or eliminate leakage and water main failures in areas with cast iron pipe. The project also includes the installation of a 20" dia. waterline extension for approx. 34,000 LF. Loan 1 = $11,000,000 and Loan 2 = $10,000,000. **100% GREEN**	June -17
Town of Gramercy	1093002	500,000	**21**	6	3,613	Water treatment Plant renovations; including Operation/Chemical Storage Building, and Water Treatment Plant Improvements	June-16
Broussard Water System	1055003	3,750,000	**21**	7	4,635	Construct 3 new water wells with associated appurtenances and install water mains to tie the wells into the existing distribution system. Open interconnecting valves between isolated City of Broussard water systems and consolidate them under Broussards existing PWS (1055003) in order to discontinue purchasing water from LUS.	December-15
Belah Fellowship Water System	1059001	2,935,000	**20**	8	2,400	Installation of 2 new 65,000-gallon GSTs to replace leaking overloaded existing 130,000-gallon GST, replace undersized aerator, replace water lines of various sizes from 3" to 8", along with service lines, valves, and meters, and replace the existing booster station with pumps with VFDs.	December-15
Town of Livingston	1063013	3,659,400	**20**	9	8,100	Construction of a new 300,000-gallon water tower and 2 water wells.	April-17

System Name	PWSID	Est. Loan Amount	Points	Rank	Population	Project Description	Est. Date to Close Loan
Louisiana Water Company-New Iberia	1045009	7,500,000	**20**	10	60,000	The proposed project consists of the installation of a new water well and connecting main, replacement/upgrading of undersized water mains, construction of additional water storage structures, install additional high servcie pumps, install stand-by power at a main booster station, automate filter valve controls via replacement, and SCADA (Supervisory Control and Data Acquisition) system improvements.	June-16
Robeline-Marthaville Water System	1069010	740,000	**19**	11	1,341	Rehabilitate the existing system on Nelson Road, including plant building renovations and an addition. The plant will be furnished with new treatment equipment, new chemical feed equipment, a new chlorine facility, two 150 GPM supply pumps, air compressor, and a stationary diesel generator. The new treatment system will be comprsed of pressure filters, which will replace old filters that were abandoned years ago. Additionally, a new 97,000-gal GST will be built at the plant site and the old GST (#1) demolished. The Marthaville Pump Station will be improved by installing a Package VFD Pump Station to replace the existing pumps and buliding a new 8,000-gal GST. The existing 8K GST (Tank #2) will be painted and remain in operation. The pump station will also be furnished with a stationary diesel generator. Distribution will also be improved by laying approximately 2,640 L.F. of 6-inch Class 160 PVC Water Main on LA 120, just north of the Village of Robelilne, to replace an existing section of deteriorated 6" line. All new distribution will be placed within existing, previously disturbed right-of-way.	December-15
Town of Coushatta	1081001	5,000,000	**19**	12	3,000	Construct 2 new water wells (P&A Well No. 1 and replace with New well at same site, then construct Well No. 8 at the existing Industrial Park site), construct a new pump station in the existing Industrial Park Site next to existing water system infrastruture and abandon the Rush Street Pump Station, relocate the existing 100,000-gal and 125,000-gal storage tanks from the Rush Street Site to the Industrial Park site, install generators at all of the well sites, replace 110,000-L.F. of deterioriated and undersized mains within the existing distribution system (no new routes) with new mains ranging in size from 4" to 8" of PVC or HDPE material, replace all existing water meters with electronic automated read type meters including computer equipment, software, and reading equipment required for the AMR system.	December-15
Lafayette Parish WWD North	1055171	2,500,000	**17**	13	3,912	Install a pressure filtration system with associated controls, upgrade the plant control panel, install tube settlers for treating filter backwash to DEQ standards, install an off-site plant monitoring system, security camera system, and related site work and fencing. The new filtration system is needed because the LPWDN water wells have begun to produce higher levels of iron and manganese that the current phosphate water treatment process can't adequately treat. Recently, LPWDN purchased an adjacent parcel (approximately 1 acre) next to the existing production facility (that houses 3 wells, a GST, pumps and treatment equipment) to install these proposed upgrades (CATEX).	March-16
Vernon Parish Water/Sewer Commission #1	1115071	2,330,000	**16**	14	2,680	The proposed project will consist of the construction of a new 250,000-gallon EST (elevated storage tank), a new 900-gpm water well, and 13,000-ft of 8-inch water mains, valves and related work. The additional storage will solve TSS required storage issues, fire flow issues, and pressure issues. The water mains will create also correct pressure issues in specific areas and create a loop that interconnects the two elevated tanks. The new well will add to system redundancy (system has 2 existing wells) shoud the largest well fail and increase water production capacity to meet increasing demand during peak flow times.	December-15

System Name	PWSID	Est. Loan Amount	Points	Rank	Population	Project Description	Est. Date to Close Loan
Lake Bruin Water District 1	1107001	1,128,000	**16**	15	1,188	This project consists of replacing a deteriorated 75,000-gallon EST, 30,000-gallon GST, and booster station (all to be demolished as part of project) with a new 150,000-gallon glass-lined GST and booster station with VFD motors. The project will also consist of replacing all existing water meters with new radio-read meters and the replacement of several creek crossings in the distribution system. **NOTE**: This system purchases all of its water from Tensas Water Disrict (a surface water system).	December-15
Town of Sunset	1097015	340,000	**16**	16	3,000	Installation of automatic meter reading system with leak detection. City will replace any broken/malfunctioning meters as well as place electronic trasmitters on all meters.	December-15
Holmesville Water System	1111008	2,200,000	**15**	17	2,196	The proposed project involves the construction of two (2) independent granular activated carbon (GAC) treatment units, ground storage facilities, booster stations, chlorination systems, site piping and associated items. The proposed improvements shall be constructed within the existing boundaries of the Chelsea and Pittman Facilities. Each facility shall be provided with a new ground storage tank, booster station, post treatment chlorination system, and GAC treatment unit. A third production water well shall be constructed adjacent to the existing Pittman Facility under this project. An emergency power system is also proposed at the Pittman Facility.	February-17
South Grant Water Corporation	1043008	1,450,000	**15**	18	5,300	The proposed project includes the construction of one new water well, one ground strorage tank (GST), one booster pump station, site piping, and associated items at the new "Southeast Station" in order to meet the existing significantly increased demand due to rapid residential and commercial growth in recent years. The proposed site for the new station is currently owned by the water system. The project also includes the replacement of 2 old and deteriorated GSTs at the existing 'North' and 'South' booster stations, as well as minor electrical and control modifications to the existing sites in order to integrate the new booster station into the existing system. It should also be noted that the project will benefit the Village of Creola's Water System which is completely served by South Grant (Creola does NOT have a separate PWS ID No.)	December-16
SouthWest Ouachita Waterworks, Inc.	1073047	3,666,000	**14**	19	9,609	The proposed project includes the construction of 3 independent granular activated carbon (GAC) treatment units, each with a ground storage tank, booster station, post treatment chlorination system, site piping and associated items, which will replace the existing rapid sand filter system. The project will also include the construction of a new Water Well No. 8 at Site No. 2. All improvements will be made within the existing water system facility boundaries of Sites 2, 3, and 5 (CATEX). Additionally, emergency power improvements are proposed at Site No. 2 and the elevated storage tank at Site No. 2 will be rehabilitated as required by the system's latest Sanitary Survey. The project is necessary for compliance with EPA's MCL for Disinfection By-Products (DBPs) without the use of their existing chloramine disinfection system, which has caused customer complaints regarding 'dirty' water and keeps the system from meeting secondary water quality standards.	November-16
Zone Two Water System, Inc.	1043001	660,000	**14**	20	1,239	The project consists of replacing 5.55-miles of undersized (2"-4") and deteriorated water mains with larger lines (3"-6") from the water treatment plant on Sparrow Road to Ed Coleman Road on Rock Hill Road. Additionally, the project includes the replacement of 48 service meters along this route.	December-15
City of Scott	1055026	850,000	**13**	21	8,614	Installation of automatic meter reading system with leak detection. City will replace any broken/malfunctioning meters as well as place electronic trasmitters on all meters.	October-15

System Name	PWSID	Est. Loan Amount	Points	Rank	Population	Project Description	Est. Date to Close Loan
West Monroe Water System	1073056	697,950	**13**	22	13,082	The proposed project includes the dire replacement of 6-inch and 12-inch asbestos concrete mains along Montgomery Avenue that have exceeded their service life. Their replacement will alleviate the recurring breaks and leaks occuring from these mains that are extremely expensive to repair. Once this project is completed, a federally funded street rehabiliation project regarding Montgomery Avenue can begin.	December-15
Total		$ 67,621,650					

APPENDIX B
DWRLF FUNDABLE LIST OF APPLICANTS

System Name	PWSID	Est. Loan Amount	Additional Subsidization	Fix it First	Points	Rank	Population	Project Description	Est. Date to Close Loan
Calcasieu Parish WWD#5 (Ward 3 & 8)	1019084	15,000,000	500,000	x	**24**	3	4,680	The project will include extension of water lines to remove citizens from private wells, a new water treatment plant or an expansion of the existing water treatment plant and a potential consolidation of 2 or more water systems.	October-16
Broussard Water System	1055003	3,750,000	500,000	x	**21**	7	4,635	Construct 3 new water wells with associated appurtenances and install water mains to tie the wells into the existing distribution system. Open interconnecting valves between isolated City of Broussard water systems and consolidate them under Broussards existing PWS (1055003) in order to discontinue purchasing water from LUS.	December-16
Town of Sunset	1097015	340,000	68,000	x	**16**	16	3,000	Installation of automatic meter reading system with leak detection. City will replace any broken/malfunctioning meters as well as place electronic trasmitters on all meters.	December-16
SouthWest Ouachita Waterworks, Inc.	1073047	3,666,000	500,000	x	**14**	18	9,609	The proposed project includes the construction of 3 independent granular activated carbon (GAC) treatment units, each with a ground storage tank, booster station, post treatment chlorination system, site piping and associated items, which will replace the existing rapid sand filter system. The project will also include the construction of a new Water Well No. 8 at Site No. 2. All improvements will be made within the existing water system facility boundaries of Sites 2, 3, and 5 (CATEX). Additionally, emergency power improvements are proposed at Site No. 2 and the elevated storage tank at Site No. 2 will be rehabilitated as required by the system's latest Sanitary Survey. The project is necessary for compliance with EPA's MCL for Disinfection By-Products (DBPs) without the use of their existing chloramine disinfection system, which has caused customer complaints regarding 'dirty' water and keeps the system from meeting secondary water quality standards.	November-16
City of Scott	1055026	850,000	170,000	x	**13**	20	8,614	Installation of automatic meter reading system with leak detection. City will replace any broken/malfunctioning meters as well as place electronic trasmitters on all meters.	October-16
Total		$ 23,606,000						This list is only an estimate and is not binding toward which projects actually receive funds from the FFY grant. **The DWRLF closes loans on a "ready to proceed to construction" basis.**	