

# Louisiana

## INTENDED USE PLAN



**FEDERAL FISCAL YEAR 2020**

**STATE FISCAL YEAR 2021**

**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 a \$16,480,000 grant for federal fiscal year (FFY) 2020.

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

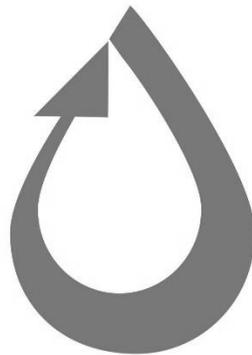
capitalization grant, state match funds, principal and interest from loan repayments, other interest earnings of the DWRLF, bond proceeds, funds designated for set-aside activities, and any other monies deposited into the DWRLF.

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 \$16,480,000 from EPA. This IUP also addresses the use of our required 20% state match of \$3,296,000. We have established the following primary objectives for the DWRLF:

- 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.



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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 FFY20 grant is \$17,176,000. (This includes \$16,480,000 Federal dollars minus \$2,600,000 for set asides leaving \$13,880,000 for loans plus \$3,296,000 State match) The DWRLF finance charge and administrative charge on loans for eligible projects is set by the Secretary of LDH 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 LDH. 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 2020. Loans are made for up to 100% of the eligible costs with long-term financing of up to thirty years.

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## Disadvantaged Community System Assistance

The maximum funding available for this type of financial aid will be \$5,768,000 or 35% of \$16,480,000. To the extent that there is not adequate demand for the full 35%, 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. To the extent that there are sufficient applications, not less than \$988,800 or

6% of \$16,480,000 shall be used to provide additional subsidy to eligible disadvantaged communities.



## 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 \$1,966,683 of this grant and use \$633,317 of the unspecified funds from prior grants to pay for set-aside activities for a total of \$2,600,000 (15.77% of FFY 20 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 19, 2020.

The written notice was placed in the Baton Rouge Advocate on May 19, 2020 stating that the Louisiana Department of Health, Office of Public Health is applying for the Federal Fiscal Year 2020 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 FFY20 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.
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## **B. Short-Term Goals**

1. Develop policy and procedures that help expedite project draws to expend this FFY20 grant within 2 years of the award.
2. It is anticipated that approximately 15 binding commitments will be entered into by the end of State fiscal year (SFY) 2021 totaling \$40,804,200
3. Louisiana hopes to close 15 loans totaling approximately \$40,804,200 during SFY 2020. The population total for these projects is approximately 147,750.
4. Louisiana intends to maintain our fund utilization rate at 85%.
5. To provide at least 15% of the available DWRLF loan funds in SFY 2021 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.
6. To promote the benefits of the program to as many water systems as possible to assure equitable distribution of available financing resources.
7. Apply for FFY21 capitalization grant before the close of state fiscal year 2021.
8. To provide expedited financial aid to those systems qualifying as disadvantaged community systems.
9. Continue to partner with other funding agencies by jointly funding projects to assist public water systems.
10. Maximize our principal forgiveness funds to ensure that as many communities as possible across the state can be helped in the current economic environment.



### 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



## 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:



- ◆ 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

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## 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 date for tracking purposes and will be a source of

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 development strategy.

### **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 \$8,304,201 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 FFY20 to the state of Louisiana and identifies Louisiana's total funding sources. \$629,558,042 in cumulative resources is estimated to be available to the State of Louisiana's DWRLF in SFY21, including capitalization grants for FFY 97 through FFY20, ARRA funds, loan repayments, and state matching funds. Of the cumulative available resources, \$44,522,638 (as amended) has been

specified for set-aside activities, \$54,350,000 of interest collected has been used to retire state match bonds, and \$438,695,178 has been loaned to water systems. The result is \$91,990,226 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 \$3,296,000 will be provided through the sale of revenue bonds to match the FFY 20 federal funds deposited into the DWRLF.

FFY 20 Capitalization Grant breakdown is as follows:

Capitalization Grant	\$16,480,000
<u>20% State Match</u>	<u>\$ 3,296,000</u>
Total Funds	\$19,776,000

Set-Asides (Specified) \$2,600,000

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 20 capitalization grant is 80.81% federal funds and 19.19% state funds.

The FFY 20 Capitalization Grant Payment Schedule is as follows:

**Federal Fiscal Year Quarter**

**Grant Payment Amount**

Fourth Quarter 2020

\$16,480,000

**The FFY 20 Capitalization Grant draw ratio: 80.81% Federal 19.19% 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 LDH sets the interest rate for the DWRLF. The interest rate has been set at 1.95% 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 LDH. 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, twenty five or thirty years.

## D. Disadvantaged Community Systems



### *Disadvantaged Community Project:*

A disadvantaged community project is one which assistance is necessary to correct an imminent threat to public health as a result of a noncompliance issue with the SDWA resulting in an Administrative Order. This determination will be made by the Louisiana LDH utilizing one of the following requirements:

- The public water system is located in a state where the median household income is below the national median household income of the United States according to the U.S. Census Bureau.
- Assistance is necessary to resolve noncompliance issues with the SDWA that have resulted in an Administrative Order being issued against the water system.
- The public water system serves a community with a population under 10,000.

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### **Disadvantaged Community Additional Subsidy Authority**

The SDWA now mandates that states use at least 6 percent but no more than 35 percent of the capitalization grant amount for additional subsidy for state-defined disadvantaged communities. Before AWIA, the floor was zero percent and the ceiling was 30 percent. This requirement begins with capitalization grants awarded by the EPA to states after October 23, 2018. For most states, this is the federal fiscal year 2020 grant. This subsidy authority has existed since the DWSRF's inception, yet this is the first time Congress has mandated its use. States must establish or continue to implement their Disadvantaged Community Program and solicit applications from water systems. Note that, by law, additional subsidy provided from this authority must be in the form of a loan (e.g., a

loan including principal forgiveness or negative interest rates) and not a grant. 25% or \$4,192,800 of the FFY 2020 Drinking Water Capitalization Grant dollars will be targeted for additional subsidies to any eligible recipient. To the extent that funds are available, the additional subsidy will be in the form of principal forgiveness of at least 30% of the loan principal, with a maximum amount of 100% loan principal forgiveness per project. Principal forgiveness will be specified in the DWRLF Loan & Pledge Agreement for the amount forgiven. Priority for these funds will be given to projects that resolve Administrative Orders for noncompliance with the SDWA and consolidation projects across the state that would eliminate public water systems that are not in compliance with the SDWA requirements and pose a threat to public health.

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## 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.

## 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 \$1,966,683 of this grant to fund set-aside activities and using \$633,317 of previously unspecified funds from prior grant years to fund set-aside activities for a total of \$2,600,000 (15.78% of FFY20 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 \$1,273,000 in new unspecified funds from the FFY20 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), Option: *1 /5 percent of the current valuation of the fund-* \$587,083 of FFY20 grant)

The loan program is administered by the Louisiana Department of Health–Office of Public Health (LDH-OPH). The administration set-aside will be used to pay salaries and associated expenses of new and existing personnel of LDH-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 \$587,083 (1/5 percent of the audited current valuation of the fund at June 30<sup>th</sup>

2020 which is \$293,541,310) from the FFY20 cap grant to fund the administration set-aside. Louisiana specifies \$587,083 of the FFY20 cap grant and reclaims \$612,917 of previously unspecified dollars for a total of \$1,200,000 to fund these activities. The cumulative remaining balance of unspecified funds of \$1,626,889 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 '21 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 \$329,600 of FFY20 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 \$329,600 (2.0% of \$16,480,000) from the FFY20 cap grant dollars to fund the small system technical assistance set-aside. Louisiana specifies \$329,600 of the FFY20 cap grant and reclaims \$20,400 from previously unspecified dollars for a total of \$350,000 to fund these activities. The cumulative remaining balance of unspecified funds of \$2,174,930 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 '21 will be funded from any unexpended funds from previous years.

**C. State Program Management**  
(SDWA reference - 1452(g)(2), Max allowed: 10%; up to \$1,648,000 of FFY20 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 \$1,648,000 (10% of \$16,480,000) from the FFY20 cap grant to fund the state program management set-aside. Louisiana specifies

\$375,000 from this grant and classifies the remaining \$1,273,000 as unspecified. The cumulative unspecified funds of \$13,317,632 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 '21 will be funded from this capitalization grant and any unexpended funds from previous years.

This set-aside no longer requires a one to one state match beyond the 20 percent state match for federal capitalization grants.

Sub-Category of State Programs Set-Aside	Amount Budgeted
Public Water Supply Supervision	372,500.00
Capacity Development	-
Operator Certification	2,500.00
Total Specified Set-Aside Funds	375,000.00

**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 the PWSS program to accomplish its goals and objectives.

**Capacity Development Program**

Louisiana can use a portion of the State Program Management set-aside funds to support 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.

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### **D. Local Assistance and Other State Programs** (SDWA reference - 1452(g)(2), Max allowed: 10% for any one activity; overall up to 15% or \$2,472,000 of FFY20 grant)

Louisiana will use \$675,000 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 '21. Louisiana will use \$675,000 of these set-aside funds from the FFY20 grant.

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## 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 15.78 percent of the FFY20 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

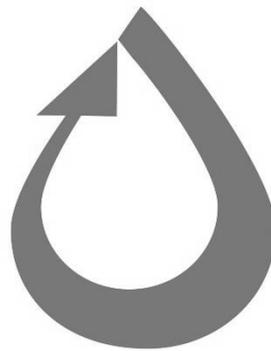
trained and enhancing the technical, financial and managerial capacity of small water systems can also reduce the need for costly infrastructure improvements. We will reevaluate our use of set-asides on an annual basis as we develop the IUP to determine whether set-asides levels should be reduced or 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 FFY20, including the state match, is \$19,776,000. Louisiana reserved 19.66% or \$3,239,683 of the grant for set-aside activities, specified \$1,966,683 and reclaims \$633,317 in funds from previously unspecified set-asides, resulting in \$2,600,000 (15.78%) specified for the set-aside activities described previously. This results in \$17,176,000 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.

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### 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.

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### **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.

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### **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.

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## 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

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

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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

adequate projects are not available to commit all available funds. The LDH may waive this maximum amount depending upon the number of applications. The principal elements addressed by the project priority system are:

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) that has

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](http://www.dhh.louisiana.gov/index.cfm/page/430)

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#### **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. LDH 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.

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#### **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.

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#### **F. Bypass Procedure/Readiness to Proceed**

The LDH 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 LDH 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

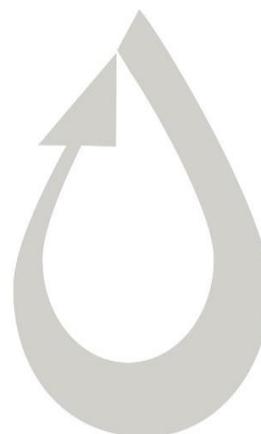
after projects addressing public health protection and compliance have been considered and the loan term cannot exceed the useful life of the project.

## VII. FFY 20 PROGRAM REQUIREMENTS

### A. Green Project Reserve (GPR)

For federal fiscal year 2020, funds may, at the discretion of each state, be used to address green infrastructure improvements. As the GPR is not mandatory for the FFY 2020 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.



**DRINKING WATER**  
**REVOLVING LOAN FUND**  
A PROGRAM OF THE DEPARTMENT OF HEALTH

**B. Additional Subsidy Funds- Public Health Water Infrastructure Consolidation Initiative**

The FY2020 Appropriation Bill also contains an additional subsidies provision. The provision states that not less than 14 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 will start a Public Health Water Infrastructure Consolidation Initiative. This initiative will provide 100% principal forgiveness loans for consolidation projects across the state that would eliminate public water systems that are not in compliance with the SDWA requirements and pose a threat to public health.

Fourteen percent or \$2,307,200, of the FFY 2020 Drinking Water Capitalization Grant dollars will be targeted for additional subsidies to any recipient that is willing to consolidate a system that is not in SDWA compliance. The additional subsidy will be in the form of 100% principal forgiveness of the loan principal. Principal forgiveness will be specified in the DWRLF Loan & Pledge Agreement for the amount forgiven.

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**C. American Iron and Steel Requirement**

The FFY 2020 Appropriation Bill 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 including 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.

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## **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.

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## **F. Self-Certification for Certain Systems Serving 500 or Fewer Persons**

The Water Infrastructure Improvements for the Nation Act (Public Law 114-322) requires DWSRF assistance recipients serving 500 or fewer persons to consider publicly-owned wells (individual, shared or community) as an option for their drinking water supply. Any

applicable project involving the construction, replacement or rehabilitation of a drinking water system which is not already using a publicly-owned well for the source are required to self-certify. If the community already uses a publicly-owned well (including a privately owned well for a public water system) and the project does not involve a new water source, then the self-certification is not needed. The self-certification is only for projects which do

not involve a publicly-owned well source to ensure that this was one of the water supply options considered but not selected as the best alternative.

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## G. 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](http://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.

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## VIII. INTENDED USE PLAN AMENDMENT PROCEDURES

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

GRANT	GRANT	GRANT	4%	2%	10%	15%	TOTAL	%	4%	2%	10%	15%	4%	2%	10%	15%	
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%	70,056	235,000	453,574	425,000	-	-	-	-	
2016	19	11,396,000	455,840	227,920	1,139,600	425,000	2,248,360	19.73%	300,000	227,920	350,000	425,000	-	22,080	-	-	
2017	20	11,299,000	490,941	225,980	1,129,000	675,000	2,520,921	22.31%	490,941	225,980	385,000	675,000	344,059	199,020	-	-	
2018	21	16,625,000	520,646	332,500	1,662,500	600,000	3,115,646	18.74%	520,646	332,500	380,000	600,000	779,354	67,500	-	-	
2019	22	16,470,000	549,746	329,400	1,647,000	525,000	3,051,146	18.53%	549,746	329,400	325,000	525,000	750,254	-	-	-	
2020	23	16,480,000	587,083	329,600	1,648,000	675,000	3,239,683	19.66%	587,083	329,600	375,000	675,000	612,917	20,400	-	-	
Totals		341,952,700	\$13,391,564	6,839,054	34,194,370	7,216,201	\$61,641,189	18.03%									
<b>FS99698-</b>			<b>TOTAL SET-ASIDES SPECIFIED</b>						<b>NEW UNSPECIFIED FUNDS</b>				<b>CUMULATIVE AVAILABLE UNSPECIFIED</b>				
GRANT	GRANT	GRANT	4%	2%	10%	15%	TOTAL	%	4%	2%	10%	15%	4%	2%	10%	15%	
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	70,056	235,000	453,574	425,000	1,183,630	9.83%	411,824	5,940	751,126	-	3,957,633	2,483,930	7,905,632	-	14,347,195
2016	19	11,396,000	300,000	250,000	350,000	425,000	1,325,000	11.63%	155,840	-	789,600	-	4,113,473	2,461,850	8,695,232	-	15,270,555
2017	20	11,299,000	835,000	425,000	385,000	675,000	2,320,000	20.53%	-	-	744,900	-	3,769,414	2,262,830	9,440,132	-	15,472,376
2018	21	16,625,000	1,300,000	400,000	380,000	600,000	2,680,000	16.12%	-	-	1,282,500	-	2,990,060	2,195,330	10,722,632	-	15,908,022
2019	22	16,470,000	1,300,000	329,400	325,000	525,000	2,479,400	15.05%	-	-	1,322,000	-	2,239,806	2,195,330	12,044,632	-	16,479,768
2020	23	16,480,000	1,200,000	350,000	375,000	675,000	2,600,000	15.78%	-	-	1,273,000	-	1,626,889	2,174,930	13,317,632	-	17,119,451
Totals		341,952,700	11,764,675	4,664,124	20,877,638	7,216,201	44,522,638	13.02%									

**SOURCES OF FUNDS AVAILABLE @ 06/30/20**

Federal Grants	\$330,798,700	
State Matching Funds	\$60,634,540	
Repayments-principal	\$147,003,440	
Interest repayments	\$56,540,362	
Investment earnings	\$1,500,000	
Total		\$596,477,042

**ANTICIPATED SFY 21 REVENUES**

FFY 20 Federal Grant	16,480,000	
Associated State Match	\$3,296,000	
Repayments-Principal	\$9,000,000	
Interest repayments	\$4,200,000	
Investment earnings	\$105,000	
Total		<u>\$33,081,000</u>

**TOTAL SOURCES** \$629,558,042

**LESS COMMITMENTS:**

Set- Asides:(specified)		
Administration	\$11,764,675	
Technical Assistance	\$4,664,124	
State Programs	\$20,877,638	
Local Programs	\$7,216,201	
Total Set-Asides		\$44,522,638
Retire Bonds (Interest earned)		\$54,350,000 *
Loans closed to date net of write-downs		<u>\$438,695,178</u>

**TOTAL USES** \$537,567,816

**AVAILABLE FOR ADDITIONAL LOANS** \$91,990,226

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

APPENDIX A depicts the needs of those systems applying for funding to be : **\$128,978,440**

## **ATTACHMENT #3**

**PUBLIC HEARING –June 19, 2020 @10am**

**DHH Building at 628 North 4<sup>th</sup> Street, Room 130, Baton Rouge, LA**

Good Morning. My name is Joel McKenzie and I am the Program Manager 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 2020 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 130 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.

I 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

The Intended Use Plan includes proposed uses for the FFY20 Capitalization Grant. The FFY Grant amount available to Louisiana is \$16,480,000. 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 FFY20 Grant is \$3,296,000. The total amount of funds available to the program from this grant, including Federal and State money, is \$19,776,000.

In its Draft Intended Use Plan, Louisiana proposes to utilize \$17,176,000 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, 15.78% or \$2,600,000 has been specified for set-aside use from the FFY20 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.

# Federal Fiscal Year 2020 Capitalization Grant-

PUBLIC HEARING – June 19, 2020- 10am

LDH Building at 628 North 4<sup>th</sup> Street, Room 127, Baton Rouge, LA

NAME	AFFILIATION
Joel McKenzie	Manager, 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:  
 Ground                                       Community                                       Governmental Entity  
 Surface                                         Non-Community                                 Private for Profit  
 Purchased                                     Non-Transient                                 Private Non-Profit  
 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.       Yes       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 disinfection	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	\$520,000	\$0
2014	FS-9969817	\$485,080	\$515,000	\$3,545,809	\$515,000	\$0
2015	FS-9969818	\$481,880	\$70,056	\$3,002,689	\$70,056	\$0
2016	FS-9969819	\$455,840	\$300,000	\$3,158,529	\$300,000	\$0
2017	FS-9969820	\$490,941	\$835,000	\$2,814,470	\$835,000	\$0
2018	FS-9969821	\$520,646	\$1,300,000	\$2,035,116	\$0	\$0
2019	FS-9969822	\$549,746	\$1,300,000	\$1,284,862	\$21,400	\$1,278,600
2020	FS-9969823	\$587,083	\$1,200,000	\$671,945	\$0	\$1,200,000
<b>Totals</b>		<b>\$13,391,564</b>	<b>\$11,764,675</b>		<b>\$7,986,075</b>	<b>\$2,478,600</b>

**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	\$235,000	\$0
2016	FS-9969819	\$227,920	\$250,000	\$2,461,850	\$250,000	\$0
2017	FS-9969820	\$225,980	\$425,000	\$2,262,830	\$425,000	\$0
2018	FS-9969821	\$332,500	\$400,000	\$2,195,330	\$0	\$0
2019	FS-9969822	\$329,400	\$329,400	\$2,195,330	\$136,944	\$192,456
2020	FS-9969823	\$329,600	\$350,000	\$2,174,930	\$0	\$350,000
<b>Totals</b>		<b>\$6,839,054</b>	<b>\$4,664,124</b>		<b>\$3,721,668</b>	<b>\$542,456</b>

### State Programs Set-Aside

Grant #	Reserved	Specified	Unspecified (cumulative)	Expended	Specified Available
FS-9969801	\$2,042,030	\$1,396,523	\$645,507	\$1,396,523	\$0
FS-9969802	\$994,920	\$994,920	\$645,507	\$994,920	\$0
FS-9969803	\$1,042,770	\$968,406	\$719,871	\$968,406	\$0
FS-9969804	\$1,083,740	\$484,215	\$1,319,396	\$484,215	0
FS-9969805	\$1,893,480	\$0	\$3,212,876	\$0	0
FS-9969806	\$800,410	\$840,000	\$3,173,286	\$840,000	0
FS-9969807	\$830,310	\$900,000	\$3,103,596	\$900,000	\$0
FS-9969808	\$828,550	\$750,000	\$3,182,146	\$750,000	\$0
FS-9969809	\$1,165,860	\$1,275,000	\$3,073,006	\$1,274,171	\$0
FS-9969810	\$1,165,900	\$0	\$4,238,906	\$0	\$0
FS-9969811	\$1,154,000	\$1,300,000	\$4,092,906	\$1,300,000	\$0
ARRA	\$2,762,600	\$0	\$6,855,506	\$0	\$0
FS-9969812	\$1,154,000	\$1,300,000	\$6,709,506	\$1,300,000	\$0
FS-9969813	\$2,564,900	\$1,800,000	\$7,474,406	\$1,800,000	\$0
FS-9969814	\$1,779,800	\$1,600,000	\$7,654,206	\$1,600,000	\$0
FS-9969815	\$1,696,200	\$1,850,000	\$7,500,406	\$1,850,000	\$0
FS-9969816	\$1,591,400	\$1,775,000	\$7,316,806	\$1,775,000	\$0
FS-9969817	\$1,212,700	\$1,375,000	\$7,154,506	\$1,375,000	\$0
FS-9969818	\$1,204,700	\$453,574	\$7,905,632	\$453,574	\$0
FS-9969819	\$1,139,600	\$350,000	\$8,695,232	\$350,000	\$0
FS-9969820	\$1,129,900	\$385,000	\$9,440,132	\$385,000	\$0
FS-9969821	\$1,662,500	\$380,000	\$10,226,206	\$0	\$0
FS-9969822	\$1,647,000	\$350,000	\$12,044,632	\$91,944	\$258,056
FS-9969823	\$1,648,000	\$375,000	\$13,317,632	\$0	\$375,000
<b>Totals</b>	<b>\$34,195,270</b>	<b>\$20,902,638</b>		<b>\$19,888,753</b>	<b>\$633,056</b>

### Local Programs Set-Aside

Grant #	Reserved	Specified	Unspecified (cumulative)	Expended	Specified Available
FS-9969801	\$2,042,030	\$2,042,030	N/A	\$2,042,030	\$0
FS-9969803	\$97,684	\$97,684	N/A	\$97,684	\$0
FS-9969806	\$11,487	\$11,487	N/A	\$11,487	\$0
FS-9969814	\$415,000	\$415,000	N/A	\$415,000	\$0
FS-9969815	\$425,000	\$425,000	N/A	\$425,000	\$0
FS-9969816	\$425,000	\$425,000	N/A	\$425,000	\$0
FS-9969817	\$475,000	\$475,000	N/A	\$475,000	\$0
FS-9969818	\$425,000	\$425,000	N/A	\$425,000	\$0
FS-9969819	\$425,000	\$425,000	N/A	\$425,000	\$0
FS-9969820	\$675,000	\$675,000	N/A	\$675,000	\$0
FS-9969821	\$600,000	\$600,000	N/A	\$0	\$0
FS-9969822	\$525,000	\$525,000	N/A	\$179,800	\$345,200
FS-9969823	\$675,000	\$675,000	N/A	\$0	\$675,000
<b>Totals</b>	<b>\$7,216,201</b>	<b>\$7,216,201</b>		<b>\$5,596,001</b>	<b>\$1,020,200</b>

## ATTACHMENT 6

### 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. 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 FFY20 Intended Use Plan.**



State of Louisiana  
 Drinking Water Revolving Loan Fund  
 Capacity Analysis as of November 21, 2019  
 Scenario: Loan Rate at 2.45% (1.95% + 0.50% fee) | With Only Direct Loans and No Leveraging

**Summary of Capacity Analysis**

Fiscal Year	Federal Cap Grant	State Match	Leverage Bonds Par Amount	State Match Bonds Par Amount	Projected Draws of Existing Committed Loans	[1] New Loans Funded By Program Equity	[2] New Loans Funded By Bond Proceeds	[3] New Loans Principal Forgiveness	[4=1+2+3] Total New Loans Funded
<b>Total:</b>	<b>32,000,000.00</b>	<b>6,400,000.00</b>	-	<b>6,470,000.00</b>	<b>70,612,029.79</b>	<b>398,000,000.00</b>	-	<b>6,400,000.00</b>	<b>404,400,000.00</b>
2020	16,000,000.00	3,200,000.00	-	3,235,000.00	25,420,330.72	22,000,000.00	-	3,200,000.00	25,200,000.00
2021	16,000,000.00	3,200,000.00	-	3,235,000.00	33,187,654.00	22,000,000.00	-	3,200,000.00	25,200,000.00
2022	-	-	-	-	12,004,045.06	22,000,000.00	-	-	22,000,000.00
2023	-	-	-	-	-	22,000,000.00	-	-	22,000,000.00
2024	-	-	-	-	-	22,000,000.00	-	-	22,000,000.00
2025	-	-	-	-	-	22,000,000.00	-	-	22,000,000.00
2026	-	-	-	-	-	22,000,000.00	-	-	22,000,000.00
2027	-	-	-	-	-	21,000,000.00	-	-	21,000,000.00
2028	-	-	-	-	-	21,000,000.00	-	-	21,000,000.00
2029	-	-	-	-	-	22,000,000.00	-	-	22,000,000.00
2030	-	-	-	-	-	22,000,000.00	-	-	22,000,000.00
2031	-	-	-	-	-	23,000,000.00	-	-	23,000,000.00
2032	-	-	-	-	-	23,000,000.00	-	-	23,000,000.00
2033	-	-	-	-	-	23,000,000.00	-	-	23,000,000.00
2034	-	-	-	-	-	23,000,000.00	-	-	23,000,000.00
2035	-	-	-	-	-	22,000,000.00	-	-	22,000,000.00
2036	-	-	-	-	-	22,000,000.00	-	-	22,000,000.00
2037	-	-	-	-	-	22,000,000.00	-	-	22,000,000.00

**Proof of Perpetuity (Net of Set-Asides and Principal Forgiveness)**

To-Date Capitalization to Preserve	262,206,902.00
Future Net Cap Grant & State Match	31,840,000.00
Future Principal Forgiveness Loans	(6,400,000.00)
Total Preservation Requirement:	<u>287,646,902.00</u>
Program Equity Fund Balance in Final Year 2065	418,048,092.14
Perpetuity Excess/(Shortfall)	<b>130,401,190.14</b>

State of Louisiana  
 Drinking Water Revolving Loan Fund  
 Capacity Analysis as of November 21, 2019  
 Scenario: Loan Rate at 2.45% (1.95% + 0.50% fee) | With Only Direct Loans and No Leveraging

Program Cash Flow													
Fiscal Year	Beginning Balance	Float Earnings at 0.50%	Cap Grant Funding Net of Set-Asides	State Match Funding	Transfer from Excess Revenue After Debt Service	Less: New Loans Origination				Balance Before Bond Proceeds	From Leverage Bond Proceeds	Ending Balance	Total Debt Service Coverage
						Loan Draws from Existing Closed Loans	Subsidized Interest Loan Origination	Zero Interest (0%) Loan Origination	Principal Forgiveness Loans				
<b>Total:</b>		<b>38,709,423.22</b>	<b>25,440,000.00</b>	<b>6,400,000.00</b>	<b>752,457,392.37</b>	<b>70,612,029.79</b>	<b>435,600,000.00</b>	<b>-</b>	<b>6,400,000.00</b>		<b>-</b>		<b>Min = 4.71</b>
6/1/2019	111,910,989.28									111,910,989.28		111,910,989.28	-
2020	111,910,989.28	279,777.47	12,720,000.00	3,200,000.00	-	25,420,330.72	18,800,000.00	-	3,200,000.00	80,690,436.03	-	80,690,436.03	378.04
2021	80,690,436.03	403,452.18	12,720,000.00	3,200,000.00	15,246,400.54	33,187,654.00	18,800,000.00	-	3,200,000.00	57,072,634.75	-	57,072,634.75	4.71
2022	57,072,634.75	285,363.17	-	-	12,289,587.52	12,004,045.06	22,000,000.00	-	-	35,643,540.38	-	35,643,540.38	4.84
2023	35,643,540.38	178,217.70	-	-	12,591,918.36	-	22,000,000.00	-	-	26,413,676.44	-	26,413,676.44	-
2024	26,413,676.44	132,068.38	-	-	16,698,553.42	-	22,000,000.00	-	-	21,244,298.25	-	21,244,298.25	-
2025	21,244,298.25	106,221.49	-	-	17,171,938.42	-	22,000,000.00	-	-	16,522,458.16	-	16,522,458.16	-
2026	16,522,458.16	82,612.29	-	-	18,107,328.22	-	22,000,000.00	-	-	12,712,398.67	-	12,712,398.67	-
2027	12,712,398.67	63,561.99	-	-	19,388,576.41	-	21,000,000.00	-	-	11,164,537.08	-	11,164,537.08	-
2028	11,164,537.08	55,822.69	-	-	20,633,492.49	-	21,000,000.00	-	-	10,853,852.25	-	10,853,852.25	-
2029	10,853,852.25	54,269.26	-	-	21,782,302.79	-	22,000,000.00	-	-	10,690,424.30	-	10,690,424.30	-
2030	10,690,424.30	53,452.12	-	-	22,953,570.68	-	22,000,000.00	-	-	11,697,447.10	-	11,697,447.10	-
2031	11,697,447.10	58,487.24	-	-	23,394,880.70	-	23,000,000.00	-	-	12,150,815.03	-	12,150,815.03	-
2032	12,150,815.03	60,754.08	-	-	23,140,586.14	-	23,000,000.00	-	-	12,352,155.25	-	12,352,155.25	-
2033	12,352,155.25	61,760.78	-	-	21,869,034.86	-	23,000,000.00	-	-	11,282,950.89	-	11,282,950.89	-
2034	11,282,950.89	56,414.75	-	-	21,738,462.88	-	23,000,000.00	-	-	10,077,828.52	-	10,077,828.52	-
2035	10,077,828.52	50,389.14	-	-	22,252,611.06	-	22,000,000.00	-	-	10,380,828.72	-	10,380,828.72	-
2036	10,380,828.72	51,904.14	-	-	21,764,288.54	-	22,000,000.00	-	-	10,197,021.40	-	10,197,021.40	-
2037	10,197,021.40	50,985.11	-	-	22,487,281.57	-	22,000,000.00	-	-	10,735,288.08	-	10,735,288.08	-
2038	10,735,288.08	53,676.44	-	-	21,886,601.41	-	22,000,000.00	-	-	10,675,565.92	-	10,675,565.92	-
2039	10,675,565.92	53,377.83	-	-	22,082,992.29	-	22,000,000.00	-	-	10,811,936.04	-	10,811,936.04	-
2040	10,811,936.04	54,059.68	-	-	22,124,915.95	-	-	-	-	32,990,911.67	-	32,990,911.67	-
2041	32,990,911.67	164,954.56	-	-	23,088,059.46	-	-	-	-	56,243,925.69	-	56,243,925.69	-
2042	56,243,925.69	281,219.63	-	-	24,138,048.53	-	-	-	-	80,663,193.85	-	80,663,193.85	-
2043	80,663,193.85	403,315.97	-	-	24,824,864.52	-	-	-	-	105,891,374.34	-	105,891,374.34	-
2044	105,891,374.34	529,456.87	-	-	24,991,049.29	-	-	-	-	131,411,880.50	-	131,411,880.50	-
2045	131,411,880.50	657,059.40	-	-	24,775,316.08	-	-	-	-	156,844,255.98	-	156,844,255.98	-
2046	156,844,255.98	784,221.28	-	-	23,984,860.31	-	-	-	-	181,613,337.57	-	181,613,337.57	-
2047	181,613,337.57	908,066.69	-	-	22,773,143.11	-	-	-	-	205,294,547.37	-	205,294,547.37	-
2048	205,294,547.37	1,026,472.74	-	-	21,454,430.98	-	-	-	-	227,775,451.09	-	227,775,451.09	-
2049	227,775,451.09	1,138,877.26	-	-	20,126,057.93	-	-	-	-	249,040,386.28	-	249,040,386.28	-
2050	249,040,386.28	1,245,201.93	-	-	18,799,495.88	-	-	-	-	269,085,084.10	-	269,085,084.10	-
2051	269,085,084.10	1,345,425.42	-	-	17,487,425.29	-	-	-	-	287,917,934.80	-	287,917,934.80	-
2052	287,917,934.80	1,439,589.67	-	-	16,198,903.81	-	-	-	-	305,556,428.29	-	305,556,428.29	-
2053	305,556,428.29	1,527,782.14	-	-	14,911,590.00	-	-	-	-	321,995,800.43	-	321,995,800.43	-
2054	321,995,800.43	1,609,979.00	-	-	13,600,123.35	-	-	-	-	337,205,902.78	-	337,205,902.78	-
2055	337,205,902.78	1,686,029.51	-	-	12,258,466.00	-	-	-	-	351,150,398.30	-	351,150,398.30	-
2056	351,150,398.30	1,755,751.99	-	-	10,888,430.07	-	-	-	-	363,794,580.36	-	363,794,580.36	-
2057	363,794,580.36	1,818,972.90	-	-	9,502,695.69	-	-	-	-	375,116,248.96	-	375,116,248.96	-
2058	375,116,248.96	1,875,581.24	-	-	8,115,754.39	-	-	-	-	385,107,584.59	-	385,107,584.59	-
2059	385,107,584.59	1,925,537.92	-	-	6,743,304.82	-	-	-	-	393,776,427.33	-	393,776,427.33	-
2060	393,776,427.33	1,968,882.14	-	-	5,396,214.60	-	-	-	-	401,141,524.07	-	401,141,524.07	-
2061	401,141,524.07	2,005,707.62	-	-	4,064,822.84	-	-	-	-	407,212,054.53	-	407,212,054.53	-
2062	407,212,054.53	2,036,060.27	-	-	2,736,449.91	-	-	-	-	411,984,564.71	-	411,984,564.71	-
2063	411,984,564.71	2,059,922.82	-	-	1,447,927.75	-	-	-	-	415,492,415.28	-	415,492,415.28	-
2064	415,492,415.28	2,077,462.08	-	-	478,214.78	-	-	-	-	418,048,092.14	-	418,048,092.14	-
2065	418,048,092.14	2,090,240.46	-	-	66,418.73	-	-	-	-	420,204,751.33	-	420,204,751.33	-
2066	420,204,751.33	2,101,023.76	-	-	-	-	-	-	-	422,305,775.08	-	422,305,775.08	-

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<b>Funding Details</b>										
Fiscal Year	Total Balance Available Before Planned Loans	Total Balance Available Before Bond Proceeds After Min Holding	Total Planned Loan Origination	Shortfall Requires Bond Proceeds After Min Holding	Bond Par Amount	COI	Rounding	Equity Funded Loan	Bond Proceeds Funded Loan	Total Loan Funded
<b>Total:</b>			<b>442,000,000.00</b>		-	-	-	<b>442,000,000.00</b>	-	<b>442,000,000.00</b>
6/1/2019										
2020	128,110,766.75	92,690,436.03	22,000,000.00	-	-	-	-	22,000,000.00	-	22,000,000.00
2021	112,260,288.75	69,072,634.75	22,000,000.00	-	-	-	-	22,000,000.00	-	22,000,000.00
2022	69,647,585.44	47,643,540.38	22,000,000.00	-	-	-	-	22,000,000.00	-	22,000,000.00
2023	48,413,676.44	38,413,676.44	22,000,000.00	-	-	-	-	22,000,000.00	-	22,000,000.00
2024	43,244,298.25	33,244,298.25	22,000,000.00	-	-	-	-	22,000,000.00	-	22,000,000.00
2025	38,522,458.16	28,522,458.16	22,000,000.00	-	-	-	-	22,000,000.00	-	22,000,000.00
2026	34,712,398.67	24,712,398.67	22,000,000.00	-	-	-	-	22,000,000.00	-	22,000,000.00
2027	32,164,537.08	22,164,537.08	21,000,000.00	-	-	-	-	21,000,000.00	-	21,000,000.00
2028	31,853,852.25	21,853,852.25	21,000,000.00	-	-	-	-	21,000,000.00	-	21,000,000.00
2029	32,690,424.30	22,690,424.30	22,000,000.00	-	-	-	-	22,000,000.00	-	22,000,000.00
2030	33,697,447.10	23,697,447.10	22,000,000.00	-	-	-	-	22,000,000.00	-	22,000,000.00
2031	35,150,815.03	25,150,815.03	23,000,000.00	-	-	-	-	23,000,000.00	-	23,000,000.00
2032	35,352,155.25	25,352,155.25	23,000,000.00	-	-	-	-	23,000,000.00	-	23,000,000.00
2033	34,282,950.89	24,282,950.89	23,000,000.00	-	-	-	-	23,000,000.00	-	23,000,000.00
2034	33,077,828.52	23,077,828.52	23,000,000.00	-	-	-	-	23,000,000.00	-	23,000,000.00
2035	32,380,828.72	22,380,828.72	22,000,000.00	-	-	-	-	22,000,000.00	-	22,000,000.00
2036	32,197,021.40	22,197,021.40	22,000,000.00	-	-	-	-	22,000,000.00	-	22,000,000.00
2037	32,735,288.08	22,735,288.08	22,000,000.00	-	-	-	-	22,000,000.00	-	22,000,000.00
2038	32,675,565.92	22,675,565.92	22,000,000.00	-	-	-	-	22,000,000.00	-	22,000,000.00
2039	32,811,936.04	22,811,936.04	22,000,000.00	-	-	-	-	22,000,000.00	-	22,000,000.00
2040	32,990,911.67	22,990,911.67	-	-	-	-	-	-	-	-
2041	56,243,925.69	46,243,925.69	-	-	-	-	-	-	-	-
2042	80,663,193.85	70,663,193.85	-	-	-	-	-	-	-	-
2043	105,891,374.34	95,891,374.34	-	-	-	-	-	-	-	-
2044	131,411,880.50	121,411,880.50	-	-	-	-	-	-	-	-
2045	156,844,255.98	146,844,255.98	-	-	-	-	-	-	-	-
2046	181,613,337.57	171,613,337.57	-	-	-	-	-	-	-	-
2047	205,294,547.37	195,294,547.37	-	-	-	-	-	-	-	-
2048	227,775,451.09	217,775,451.09	-	-	-	-	-	-	-	-
2049	249,040,386.28	239,040,386.28	-	-	-	-	-	-	-	-
2050	269,085,084.10	259,085,084.10	-	-	-	-	-	-	-	-
2051	287,917,934.80	277,917,934.80	-	-	-	-	-	-	-	-
2052	305,556,428.29	295,556,428.29	-	-	-	-	-	-	-	-
2053	321,995,800.43	311,995,800.43	-	-	-	-	-	-	-	-
2054	337,205,902.78	327,205,902.78	-	-	-	-	-	-	-	-
2055	351,150,398.30	341,150,398.30	-	-	-	-	-	-	-	-
2056	363,794,580.36	353,794,580.36	-	-	-	-	-	-	-	-
2057	375,116,248.96	365,116,248.96	-	-	-	-	-	-	-	-
2058	385,107,584.59	375,107,584.59	-	-	-	-	-	-	-	-
2059	393,776,427.33	383,776,427.33	-	-	-	-	-	-	-	-
2060	401,141,524.07	391,141,524.07	-	-	-	-	-	-	-	-
2061	407,212,054.53	397,212,054.53	-	-	-	-	-	-	-	-
2062	411,984,564.71	401,984,564.71	-	-	-	-	-	-	-	-
2063	415,492,415.28	405,492,415.28	-	-	-	-	-	-	-	-
2064	418,048,092.14	408,048,092.14	-	-	-	-	-	-	-	-
2065	420,204,751.33	410,204,751.33	-	-	-	-	-	-	-	-
2066	422,305,775.08	412,305,775.08	-	-	-	-	-	-	-	-

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**Debt Service Cash Flow**

Fiscal Year	Total Existing Loan Repayment	Total New Loan Repayment Projection	Total Revenue for Debt Service	Total Existing Debt Service	Total New Debt Service Projection	Total Bonds Debt Service	Total Debt Service Coverage	Excess Revenue
<b>Total:</b>	<b>220,312,183.93</b>	<b>538,776,958.44</b>	<b>759,089,142.37</b>	<b>-</b>	<b>6,631,750.00</b>	<b>6,631,750.00</b>		<b>752,457,392.37</b>
6/1/2019								
2020	15,220,850.04	65,988.00	15,286,838.04	-	40,437.50	40,437.50	378.04	15,246,400.54
2021	15,381,836.52	223,626.00	15,605,462.52	-	3,315,875.00	3,315,875.00	4.71	12,289,587.52
2022	15,193,812.13	673,543.73	15,867,355.86	-	3,275,437.50	3,275,437.50	4.84	12,591,918.36
2023	15,424,243.07	1,274,310.35	16,698,553.42	-	-	-	-	16,698,553.42
2024	15,224,975.24	1,946,963.18	17,171,938.42	-	-	-	-	17,171,938.42
2025	15,186,138.39	2,921,189.83	18,107,328.22	-	-	-	-	18,107,328.22
2026	15,219,555.14	4,169,021.27	19,388,576.41	-	-	-	-	19,388,576.41
2027	15,142,931.64	5,490,560.85	20,633,492.49	-	-	-	-	20,633,492.49
2028	14,966,294.15	6,816,008.64	21,782,302.79	-	-	-	-	21,782,302.79
2029	14,819,483.16	8,134,087.52	22,953,570.68	-	-	-	-	22,953,570.68
2030	13,956,523.23	9,438,357.47	23,394,880.70	-	-	-	-	23,394,880.70
2031	12,410,197.15	10,730,388.99	23,140,586.14	-	-	-	-	23,140,586.14
2032	9,838,656.63	12,030,378.23	21,869,034.86	-	-	-	-	21,869,034.86
2033	8,382,285.79	13,356,177.09	21,738,462.88	-	-	-	-	21,738,462.88
2034	7,543,077.40	14,709,533.66	22,252,611.06	-	-	-	-	22,252,611.06
2035	5,679,454.46	16,084,834.08	21,764,288.54	-	-	-	-	21,764,288.54
2036	5,018,663.60	17,468,617.97	22,487,281.57	-	-	-	-	22,487,281.57
2037	3,039,817.09	18,846,784.32	21,886,601.41	-	-	-	-	21,886,601.41
2038	1,874,482.53	20,208,509.76	22,082,992.29	-	-	-	-	22,082,992.29
2039	574,872.60	21,550,043.35	22,124,915.95	-	-	-	-	22,124,915.95
2040	214,033.97	22,874,025.49	23,088,059.46	-	-	-	-	23,088,059.46
2041	-	24,138,048.53	24,138,048.53	-	-	-	-	24,138,048.53
2042	-	24,824,864.52	24,824,864.52	-	-	-	-	24,824,864.52
2043	-	24,991,049.29	24,991,049.29	-	-	-	-	24,991,049.29
2044	-	24,775,316.08	24,775,316.08	-	-	-	-	24,775,316.08
2045	-	23,984,860.31	23,984,860.31	-	-	-	-	23,984,860.31
2046	-	22,773,143.11	22,773,143.11	-	-	-	-	22,773,143.11
2047	-	21,454,430.98	21,454,430.98	-	-	-	-	21,454,430.98
2048	-	20,126,057.93	20,126,057.93	-	-	-	-	20,126,057.93
2049	-	18,799,495.88	18,799,495.88	-	-	-	-	18,799,495.88
2050	-	17,487,425.29	17,487,425.29	-	-	-	-	17,487,425.29
2051	-	16,198,903.81	16,198,903.81	-	-	-	-	16,198,903.81
2052	-	14,911,590.00	14,911,590.00	-	-	-	-	14,911,590.00
2053	-	13,600,123.35	13,600,123.35	-	-	-	-	13,600,123.35
2054	-	12,258,466.00	12,258,466.00	-	-	-	-	12,258,466.00
2055	-	10,888,430.07	10,888,430.07	-	-	-	-	10,888,430.07
2056	-	9,502,695.69	9,502,695.69	-	-	-	-	9,502,695.69
2057	-	8,115,754.39	8,115,754.39	-	-	-	-	8,115,754.39
2058	-	6,743,304.82	6,743,304.82	-	-	-	-	6,743,304.82
2059	-	5,396,214.60	5,396,214.60	-	-	-	-	5,396,214.60
2060	-	4,064,822.84	4,064,822.84	-	-	-	-	4,064,822.84
2061	-	2,736,449.91	2,736,449.91	-	-	-	-	2,736,449.91
2062	-	1,447,927.75	1,447,927.75	-	-	-	-	1,447,927.75
2063	-	478,214.78	478,214.78	-	-	-	-	478,214.78
2064	-	66,418.73	66,418.73	-	-	-	-	66,418.73
2065	-	-	-	-	-	-	-	-
2066	-	-	-	-	-	-	-	-

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**Total Outstanding Bonds**

Fiscal Year	Existing Total Bond Principal	Existing Total Bond Interest	Existing Total Bond Debt Service	Total Projected New Leverage Bond Principal	Total Projected New Leverage Bond Interest	Total Projected New Leverage Bond Debt Service	Total Projected New State Match Bond Principal	Total Projected New State Match Bond Interest	Total Projected New State Match Bond Debt Service	Total Bond Principal	Total Bond Interest	Total Bond Debt Service
<b>Total:</b>	-	-	-	-	-	-	6,470,000.00	161,750.00	6,631,750.00	6,470,000.00	161,750.00	6,631,750.00
6/1/2019												
2020	-	-	-	-	-	-	-	40,437.50	40,437.50	-	40,437.50	40,437.50
2021	-	-	-	-	-	-	3,235,000.00	80,875.00	3,315,875.00	3,235,000.00	80,875.00	3,315,875.00
2022	-	-	-	-	-	-	3,235,000.00	40,437.50	3,275,437.50	3,235,000.00	40,437.50	3,275,437.50
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	-	-	-	-	-	-	-	-	-	-	-	-
2049	-	-	-	-	-	-	-	-	-	-	-	-
2050	-	-	-	-	-	-	-	-	-	-	-	-
2051	-	-	-	-	-	-	-	-	-	-	-	-
2052	-	-	-	-	-	-	-	-	-	-	-	-
2053	-	-	-	-	-	-	-	-	-	-	-	-
2054	-	-	-	-	-	-	-	-	-	-	-	-
2055	-	-	-	-	-	-	-	-	-	-	-	-
2056	-	-	-	-	-	-	-	-	-	-	-	-
2057	-	-	-	-	-	-	-	-	-	-	-	-
2058	-	-	-	-	-	-	-	-	-	-	-	-
2059	-	-	-	-	-	-	-	-	-	-	-	-
2060	-	-	-	-	-	-	-	-	-	-	-	-
2061	-	-	-	-	-	-	-	-	-	-	-	-
2062	-	-	-	-	-	-	-	-	-	-	-	-
2063	-	-	-	-	-	-	-	-	-	-	-	-
2064	-	-	-	-	-	-	-	-	-	-	-	-
2065	-	-	-	-	-	-	-	-	-	-	-	-
2066	-	-	-	-	-	-	-	-	-	-	-	-

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**Total Loan Repayments**

Fiscal Year	Total Existing Loan Principal	Total Existing Loan Interest	Total Existing Loan Repayment	Total New Loan Principal Projection	Total New Loan Interest Projection	Total New Loan Repayment Projection	Total Loan Principal	Total Loan Interest	Total Loan Repayment
<b>Total:</b>	<b>179,992,486.60</b>	<b>40,319,697.33</b>	<b>220,312,183.93</b>	<b>435,600,000.00</b>	<b>103,176,958.44</b>	<b>538,776,958.44</b>	<b>615,592,486.60</b>	<b>143,496,655.77</b>	<b>759,089,142.37</b>
6/1/2019									
2020	10,312,600.00	4,908,250.04	15,220,850.04	-	65,988.00	65,988.00	10,312,600.00	4,974,238.04	15,286,838.04
2021	10,772,211.90	4,609,624.62	15,381,836.52	-	223,626.00	223,626.00	10,772,211.90	4,833,250.62	15,605,462.52
2022	10,893,700.00	4,300,112.13	15,193,812.13	279,403.92	394,139.81	673,543.73	11,173,103.92	4,694,251.94	15,867,355.86
2023	11,439,100.00	3,985,143.07	15,424,243.07	672,967.16	601,343.19	1,274,310.35	12,112,067.16	4,586,486.26	16,698,553.42
2024	11,564,600.00	3,660,375.24	15,224,975.24	1,031,676.26	915,286.92	1,946,963.18	12,596,276.26	4,575,662.16	17,171,938.42
2025	11,855,000.00	3,331,138.39	15,186,138.39	1,623,184.81	1,298,005.02	2,921,189.83	13,478,184.81	4,629,143.41	18,107,328.22
2026	12,227,000.00	2,992,555.14	15,219,555.14	2,483,617.57	1,685,403.70	4,169,021.27	14,710,617.57	4,677,958.84	19,388,576.41
2027	12,498,000.00	2,644,931.64	15,142,931.64	3,434,147.86	2,056,412.99	5,490,560.85	15,932,147.86	4,701,344.63	20,633,492.49
2028	12,674,202.50	2,292,091.65	14,966,294.15	4,410,001.10	2,406,007.54	6,816,008.64	17,084,203.60	4,698,099.19	21,782,302.79
2029	12,886,000.00	1,933,483.16	14,819,483.16	5,403,832.36	2,730,255.16	8,134,087.52	18,289,832.36	4,663,738.32	22,953,570.68
2030	12,377,834.82	1,578,688.41	13,956,523.23	6,407,326.10	3,031,031.37	9,438,357.47	18,785,160.92	4,609,719.78	23,394,880.70
2031	11,176,026.78	1,234,170.37	12,410,197.15	7,414,480.24	3,315,908.75	10,730,388.99	18,590,507.02	4,550,079.12	23,140,586.14
2032	8,888,166.91	950,489.72	9,838,656.63	8,440,641.92	3,589,736.31	12,030,378.23	17,328,808.83	4,540,226.03	21,869,034.86
2033	7,671,835.39	710,450.40	8,382,285.79	9,503,523.89	3,852,653.20	13,356,177.09	17,175,359.28	4,563,103.60	21,738,462.88
2034	7,044,624.94	498,452.46	7,543,077.40	10,607,977.60	4,101,556.06	14,709,533.66	17,652,602.54	4,600,008.52	22,252,611.06
2035	5,346,237.12	333,217.34	5,679,454.46	11,753,583.24	4,331,250.84	16,084,834.08	17,099,820.36	4,664,468.18	21,764,288.54
2036	4,813,982.42	204,681.18	5,018,663.60	12,932,481.26	4,536,136.71	17,468,617.97	17,746,463.68	4,740,817.89	22,487,281.57
2037	2,943,577.22	96,239.87	3,039,817.09	14,135,419.64	4,711,364.68	18,846,784.32	17,078,996.86	4,807,604.55	21,886,601.41
2038	1,833,543.18	40,939.35	1,874,482.53	15,352,138.78	4,856,370.98	20,208,509.76	17,185,681.96	4,897,310.33	22,082,992.29
2039	562,276.13	12,596.47	574,872.60	16,575,479.14	4,974,564.21	21,550,043.35	17,137,755.27	4,987,160.68	22,124,915.95
2040	211,967.29	2,066.68	214,033.97	17,812,175.92	5,061,849.57	22,874,025.49	18,024,143.21	5,063,916.25	23,088,059.46
2041	-	-	-	19,071,161.50	5,066,887.03	24,138,048.53	19,071,161.50	5,066,887.03	24,138,048.53
2042	-	-	-	19,915,012.69	4,909,851.83	24,824,864.52	19,915,012.69	4,909,851.83	24,824,864.52
2043	-	-	-	20,397,019.78	4,594,029.51	24,991,049.29	20,397,019.78	4,594,029.51	24,991,049.29
2044	-	-	-	20,569,989.91	4,205,326.17	24,775,316.08	20,569,989.91	4,205,326.17	24,775,316.08
2045	-	-	-	20,176,815.49	3,808,044.82	23,984,860.31	20,176,815.49	3,808,044.82	23,984,860.31
2046	-	-	-	19,350,489.52	3,422,653.59	22,773,143.11	19,350,489.52	3,422,653.59	22,773,143.11
2047	-	-	-	18,399,843.13	3,054,587.85	21,454,430.98	18,399,843.13	3,054,587.85	21,454,430.98
2048	-	-	-	17,420,720.58	2,705,337.35	20,126,057.93	17,420,720.58	2,705,337.35	20,126,057.93
2049	-	-	-	16,424,145.98	2,375,349.90	18,799,495.88	16,424,145.98	2,375,349.90	18,799,495.88
2050	-	-	-	15,422,580.97	2,064,844.32	17,487,425.29	15,422,580.97	2,064,844.32	17,487,425.29
2051	-	-	-	14,425,074.13	1,773,829.68	16,198,903.81	14,425,074.13	1,773,829.68	16,198,903.81
2052	-	-	-	13,409,143.95	1,502,446.05	14,911,590.00	13,409,143.95	1,502,446.05	14,911,590.00
2053	-	-	-	12,348,817.42	1,251,305.93	13,600,123.35	12,348,817.42	1,251,305.93	13,600,123.35
2054	-	-	-	11,237,122.99	1,021,343.01	12,258,466.00	11,237,122.99	1,021,343.01	12,258,466.00
2055	-	-	-	10,074,879.08	813,550.99	10,888,430.07	10,074,879.08	813,550.99	10,888,430.07
2056	-	-	-	8,873,895.25	628,800.44	9,502,695.69	8,873,895.25	628,800.44	9,502,695.69
2057	-	-	-	7,648,042.84	467,711.55	8,115,754.39	7,648,042.84	467,711.55	8,115,754.39
2058	-	-	-	6,412,685.38	330,619.44	6,743,304.82	6,412,685.38	330,619.44	6,743,304.82
2059	-	-	-	5,178,610.29	217,604.31	5,396,214.60	5,178,610.29	217,604.31	5,396,214.60
2060	-	-	-	3,936,086.82	128,736.02	4,064,822.84	3,936,086.82	128,736.02	4,064,822.84
2061	-	-	-	2,672,144.15	64,305.76	2,736,449.91	2,672,144.15	64,305.76	2,736,449.91
2062	-	-	-	1,423,555.05	24,372.70	1,447,927.75	1,423,555.05	24,372.70	1,447,927.75
2063	-	-	-	472,326.93	5,887.85	478,214.78	472,326.93	5,887.85	478,214.78
2064	-	-	-	65,777.40	641.33	66,418.73	65,777.40	641.33	66,418.73
2065	-	-	-	-	-	-	-	-	-
2066	-	-	-	-	-	-	-	-	-

State of Louisiana  
 Drinking Water Revolving Loan Fund  
 Capacity Analysis as of November 21, 2019  
 Scenario: Loan Rate at 2.45% (1.95% + 0.50% fee) | With Only Direct Loans and No Leverage

**Calculation of State Match Funding**

Fiscal Year	Total State Match Required	Sources of State Match Funding		
		from State Appropriation	from Admin Fees	from State Match Bond Proceeds
<b>Total:</b>	<b>6,400,000.00</b>	-	-	<b>6,400,000.00</b>
6/1/2019				
2020	3,200,000.00	-	-	3,200,000.00
2021	3,200,000.00	-	-	3,200,000.00
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	-	-	-	-
2049	-	-	-	-
2050	-	-	-	-
2051	-	-	-	-
2052	-	-	-	-
2053	-	-	-	-
2054	-	-	-	-
2055	-	-	-	-
2056	-	-	-	-
2057	-	-	-	-
2058	-	-	-	-
2059	-	-	-	-
2060	-	-	-	-
2061	-	-	-	-
2062	-	-	-	-
2063	-	-	-	-
2064	-	-	-	-
2065	-	-	-	-
2066	-	-	-	-

## 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
<b>Ebarb Waterworks District</b>	1085058	1,460,000	<b>112</b>	1	7,440	The project consists of installing a new water well and constructing a water treatment plant that will include a new chlorination system and THM removal system. Project also includes replacement of booster pumps, electrical & piping improvements, and the addition of an emergency generator.	October-20
<b>Town of Blanchard (Loan 4)</b>	1017006	3,693,200	<b>50</b>	2	13,500	<b>CONSOLIDATION with Bel-Di-Gil:</b> The proposed project provides for the consolidation of Blanchard Water System and Bel-Di-Gil Water System. The project consist of construction of approximately 76,850 L.F. of 8"-12" water distribution mains to convey potable water from the Blanchard Water System. Proposed work includes 32,700 L.F. of 12" water main from the Blanchards existing distribution to the Dixie Community; 18,200 L.F. of 8" water main between the unincorporated Dixie community (Pop. 718) and the Village of Belcher (Pop. 253), and 25,950 L.F. of 8" water main between the Village of Belcher and the Village of Gilliam (Pop. 161). The 12" and 8" water lines are proposed to replace existing 4" mains.  <b>Admin Order Bel-Di Gil</b> C-16-017-073-ETT pertained to non-compliance with State primary drinking water regulations, exceeding MCL for trihalomethanes (TTHM).	January-21
<b>City of Slidell</b>	1103041	2,470,000	<b>47</b>	3	28,013	The proposed project will connect both of the City of Slidell's currently separated water systems with a 16-inch diameter transmission main that will allow water to be provided from one system to another in both directions.	September-21
<b>Town of Mamou</b>	1039005	3,541,000	<b>44</b>	4	4,200	The proposed project consists of two new 800 GPM water wells, water treatment facility including ground storage tank, water softeners, filters and disinfection unit. Project will also include new water meters, replacement of fire hydrants and replacement of water lines. This project is being done to address LDH violations (UNDER AO), color and odor issues attributed to high DBP levels.	July-20
<b>Lake St. John WWD</b>	1029006	238,000	<b>43</b>	5	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 <b>Administrative Order NO. C-14-029-010-S1-DDBP-M-1</b> .	July-21
<b>Beauregard WWDN3</b>	1011008	2,070,000	<b>40</b>	6	21,600	The proposed project consists of demolishing existing standpipe and construct a new water well, ground storage tanks, booster pumps, and chlorination system.	November-20
<b>City of Lake Charles</b>	1019029	10,000,000	<b>40</b>	7	80,000	Water line extension to serve additional customers preventing private well development, and construction of new water treatment plant.	June-22
<b>Tannehill Water System, Inc. (Loan 2)</b>	1127017	1,355,000	<b>38</b>	8	1,595	Proposed project involves the construction of a new ground storage tank at the Hanna's Mill Facility of the Tannehill Water System, Inc. The existing GST is undersized and doesn't meet the current demand of the system.	October-20

System Name	PWSID	Est. Loan Amount	Points	Rank	Population	Project Description	Est. Date to Close Loan
<b>Cadeville Water District</b>	1073060	1,460,000	<b>36</b>	9	4,800	<p><b>CONSOLIDATION with Robinson Chapel:</b> The proposed project provides for the consolidation of Cadeville Water District and the Robinson Chapel Water System, Inc. This project shall install various distribution piping, valving, and metering improvements to connect the existing distribution systems. The proposed project also involves the construction of one (1) granular activated carbon (GAC) treatment unit, ground storage tank, booster station, chlorination systems, site piping, associated site work. The proposed GAC treatment improvements shall be constructed within the existing boundaries the District's Ray Road site. The proposed booster station is required to accommodate the high elevation of the Robinson Chapel Water System, the booster station will be located on an existing tract owned by the Cadeville.</p> <p><b>Admin Order</b> pertained to non-compliance with State primary drinking water regulations, exceeding MCL for trihalomethanes (TTHM).</p>	February-21
<b>Sabine Parish WWD#1</b>	1085036	2,295,000	<b>36</b>	10	6,670	<p><b>CONSOLIDATION with Ajax-Beulah:</b> This project shall install various distribution piping, valving, and metering improvements to connect the existing distribution systems. The proposed project also involves the construction of one (1) granular activated carbon (GAC) treatment unit, ground storage tank, booster station, chlorination systems, site piping, site work and associated items at the Ajax-Beulah WS primary station. The proposed GAC treatment improvements shall be constructed within the existing boundaries of the site. The proposed station improvements are required to resolve Ajax's ongoing disinfection byproducts violations.</p>	July-20
<b>Highway 84 West Water System, Inc</b>	1127007	830,000	<b>39</b>	11	410	<p>Proposed project involves the construction of one granular activated carbon (GAC) treatment units, ground storage tank, booster station, chlorination systems, site piping, site work and associated items. The proposed GAC treatment improvements shall be constructed within the existing boundaries of the Primary Facility.</p>	December-20
<b>City of Oakdale</b>	1003006	3,800,000	<b>34</b>	12	7,704	<p>The proposed project includes rehabilitating four existing wells, adding an aerator to strip H2S at one well, replacing two existing GSTs with larger tank, repainting another existing GST and EST, and replacing the City's water meters with new radio-read meters.</p>	April-21
<b>Jefferson Parish (Loan 2)</b>	1051001	30,000,000	<b>33</b>	13	432,552	<p>Rehabilitate the raw water intake pump station. Construct a new 40MGD treatment facility including; flow split/flash mixing, flocculation/sedimentation, filtration, chemical storage/feed facilities, clearwell and high service pump, solid handling. Construct a new 10,000 sqft chemistry laboratory, and rehabilitate plant 3 to a facility capable of treating 62MGD.</p>	October-21
<b>City of Scott (Loan 2)</b>	1055026	6,400,000	<b>30</b>	14	3,131	<p>This project will consist of upgrading and improving the City of Scott Water System. This will be accomplished by purchasing property, constructing a water well (to produce approx 40% of the water it now purchases from LUS nad provide for source redundancy), constructing a water treatment facility to treat water produced from the new water well, constructing an onsite ground storage tank (to provide up to 2 days of potable water storage) with transmission pumps, installing water mains to tie into the existing City water system, installing larger water mains in existing areas of the City water system to eliminate low pressure areas, installing SCADA programming and controls for the system, and installing associated appurtenances.</p>	August-20

System Name	PWSID	Est. Loan Amount	Points	Rank	Population	Project Description	Est. Date to Close Loan
<b>East Feliciana Rural Water</b>	1037004	2,500,000	<b>30</b>	15	10,000	To consolidate the Town of Clinton into EFRW, construction will consist of: rehab Taylor Street Tower, add 800 auto read meters, abandon & demo Town Hall Well and Tower. Provide two tie-ins between EFRWS and Clinton - one consisting of approximately 19,000 linear feet of line along Hwy 10, new line and appurtenance improvements, New/Upgraded billing hardware/software, replacement vehicles and equipment.	January-21
<b>Holum Water System, Inc.</b>	1021007	789,240	<b>25</b>	16	1,000	The proposed project consists of constructing a new pump station with 2 (125) gpm pumps, 8,000 gallon GST, 125 gpm aerator with tower and foundation, controls, electrical, site work, piping and related work. Also, construct a 125 gpm water well on the existing site to give the System two water supply sources.	September-20
<b>Broussard Water System (Loan 2)</b>	1055003	5,500,000	<b>26</b>	17	5,112	Construct 3 new water treatment facilities and appurtenances to treat water produced at the three new water well sites to achieve consistent water quality. City will complete the transition process from three separate water systems to consolidate into a single water system. The Broussard #1055194 and Broussard Water Purchase System #1055193 will directly benefit from this project.	May-21
<b>Hebert Water System</b>	1021006	2,600,000	<b>24</b>	18	2,875	This project consists of the construction of an Office/Shop Building, Pumping Plant Rehabilitation, 150K Gal EST, Paint Existing EST, Waterline Replacement (10,000' of 10" dia, 13,515' of 8" dia, 6,990' of 6" dia., and 12,000' of 4" dia.) and other related system improvements.	June-22
<b>Culbertson Water System, Inc.</b>	1061024	1,290,000	<b>23</b>	19	2,526	Construct a new Carbon Absorption filter plant and source pipeline and associated improvements.	September-21
<b>Henderson/Nina Water System</b>	1099006	4,440,000	<b>22</b>	20	4,365	Constructing a new water well, water treatment plant improvements, including a new pressure filter system, ion exchange water softener, and new water lines to serve existing and future customers in Butte LaRose area.	July-21
<b>East Desoto Water System, Inc.</b>	1031005	750,000	<b>21</b>	21	1,590	Proposed project involves the construction of a duplex booster station, ground storage facility, chlorination system, various site piping, various site work and a TTHM removal system at the System's primary site. The project will also provide for the renovation of the US-84 Booster Station. Emergency power systems shall be assessed if the funding allows.	January-20
<b>Beauregard WWDN2</b>	1011012	2,000,000	<b>21</b>	22	4,500	Project will consist of the construction and installation of a new electrical building and tube pumps at the district's main water plant in Singer, the construction of a new ground storage tank at the District's Phelps booster station, and the construction of a new water well at the District's Fields booster station.	1/1/20209
<b>Town of Sunset (Loan 2)</b>	1097015	2,350,000	<b>20</b>	23	3,080	The proposed project consists of one water treatment facility, with appurtenances, and interconnected water lines to treat water from existing water wells.	October-20
<b>St Bernard Parish (Loan 3)</b>	1087001	10,000,000	<b>20</b>	24	46,202	Replacement of existing aged and deteriorated cast iron waterline segments in the St. Bernard Parish Waterworks distribution system. Directional drilling new waterline connections across HWY 46, and construction of a 3-million Gallon Ground Storage Tank to replace existing deteriorating 2-million Gallon tank at the water treatment plant.	August-20

System Name	PWSID	Est. Loan Amount	Points	Rank	Population	Project Description	Est. Date to Close Loan
Lafayette Parish WWD North (2nd Loan)	1055171	10,527,000	18	25	30,588	The LPWDN has compiled an extensive list of future projects. It is believed it will take at least 10 years to complete all the projects. The projects include: installation of electronic meters, new transmission line from Gloria Switch Rd to Jolie Rd, a new waterline along East I-49 Service Rd, one along Hwy 1252, and another on landry Rd from Tabb Rd to North Fieldspan Rd.	December-21
Bayou Liberty Water Association	1103005	1,500,000	17	26	10,500	The proposed project will construct a new water well to replace Water Well No. 3 located at Camp Villere Road in Slidell. The existing well was construction in 1980's and is currently production sand.	July-21
West Feliciana Parish WWD#13	1125010	6,760,000	16	27	9,000	\$2M will be used to REFINANCE outstanding loans (list provided in Application). \$4,760,000 will be used for construction of 9 projects (each with it's own Form 100A). <u>The entire project</u> consists of installing a new water well, disinfection equipment, and pump/piping to the existing GST on the same site (CATEX) (\$620,000); a 2nd new water well (requires purchase of 1-acre of land), disinfection equipment, and pump/piping to a nearby EST a few miles away (FONSI) (\$850,000); Complete a new 2-mile 8-10-inch water main loop along HWY 61 from Riverbend Access Rd to Star Hill Trace (FONSI, \$540,000); Complete a new 1.2-mile 8-inch water main loop along HWY 965 to connect two dead-ends (FONSI, \$440,000); Extend a 6-inch main along HWY 964 in the Industrial Park with all associated valves, fittings, etc. (FONSI, \$170,000); 9-mile 8-inch Waterline Replacement Project along HWY 421 (CATEX, \$1,680,000); HWY 966 Bridge 8-inch Main (Loop) Repair (previous line destroyed by 2008 hurricane (CATEX, \$60,000); Replacement of approx. 40 improperly sized existing Bermad Valves (located where lines transition in size) (CATEX, \$280,000); Installation of Flushing Valves parishwide (approx. 40) (CATEX, \$120,000). <u>FONSI REQUIRED FOR ENTIRE PROJECT!!</u>	November-21
City of Tallulah	1065003	1,000,000	15	28	6,984	Repairs or replacement to equipment in the existing WTP and improvements to the existing distribution system in order to come within compliance of A.O. Order C18-065-055-REQ.  Work includes installation of valves, blow offs in distribution system, replacement Filter #4 and place Filter #3 in service; replace flowmeters, valves, gauges, well latern reing at existing WTP; repair manway hatches, air strippers, platforms, walkways, and railings at the WTP, and repair generator.	August-21
Zone Two Water System, Inc.	1043001	660,000	14	29	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.	January-21
City of Rayne	11001007	2,300,000	13	30	7,865	The proposed project consists of replacing the internal mechanism of the existing clarifier and multicone aerator. If funding allows the city would like to install emergency generator, and automation of plant.	March-21
WWD#12 of Calcasieu (Ward 3)	1019126	2,000,000	8	31	2210	The proposed project includes extending the distribution system along Ham Reid Road, Lake Street, and Nelson Road to loop the system.	September-21
City of Gonzales	1005030	2,400,000	7	32	11094	The proposed project consists of relocating existing 16" water main to newly acquired right-of-way approximately 15 to 20 feet from current location to accommodate new roadway widening project on Roddy Road.	November-20

System Name	PWSID	Est. Loan Amount	Points	Rank	Population	Project Description	Est. Date to Close Loan
<b>Total</b>		\$ 128,978,440					

# DWRLF FUNDABLE LIST OF APPLICANTS

System Name	PWSID	Est. Loan Amount	Points	Rank	Population	Additional Subsidy Amount	Disadvantaged Subsidy	Project Description	Est. Date to Close Loan
Ebarb Waterworks District	1085058	1,460,000	112	1	7,440		500,000	The project consists of installing a new water well and constructing a water treatment plant that will include a new chlorination system and THM removal system. Project also includes replacement of booster pumps, electrical & piping improvements, and the addition of an emergency generator.	October-20
Town of Blanchard (Loan 4)	1017006	3,693,200	50	2	13,500	600,000	673,200	<p><b>CONSOLIDATION with Bel-Di-Gil:</b> The proposed project provides for the consolidation of Blanchard Water System and Bel-Di-Gil Water System. The project consist of construction of approximately 76,850 L.F. of 8"-12" water distribution mains to convey potable water from the Blanchard Water System. Proposed work includes 32,700 L.F. of 12" water main from the Blanchards existing distribution to the Dixie Community; 18,200 L.F. of 8" water main between the unincorporated Dixie community (Pop. 718) and the Village of Belcher (Pop. 253), and 25,950 L.F. of 8" water main between the Village of Belcher and the Village of Gilliam (Pop. 161). The 12" and 8" water lines are proposed to replace existing 4" mains.</p> <p><b>Admin Order Bel-Di Gil</b> C-16-017-073-ETT pertained to non-compliance with State primary drinking water regulations, exceeding MCL for trihalomethanes (TTHM).</p>	January-21
Town of Mamou	1039005	3,541,000	44	3	4,200		500,000	The proposed project consists of two new 800 GPM water wells, water treatment facility including ground storage tank, water softeners, filters and disinfection unit. Project will also include new water meters, replacement of fire hydrants and replacement of water lines. This project is being done to address LDH violations (UNDER AO), color and odor issues attributed to high DBP levels.	July-20
Beauregard WWDN3	1011008	2,070,000	40	4	21,600			The proposed project consists of demolishing existing standpipe and construct a new water well, ground storage tanks, booster pumps, and chlorination system.	November-20
Tannehill Water System, Inc. (Loan 2)	1127017	1,355,000	38	5	1,595			Proposed project involves the construction of a new ground storage tank at the Hanna's Mill Facility of the Tannehill Water System, Inc. The existing GST is undersized and doesn't meet the current demand of the system.	October-20
Cadeville Water District	1073060	1,460,000	36	6	4,800	600,000	673,200	<p><b>CONSOLIDATION with Robinson Chapel:</b> The proposed project provides for the consolidation of Cadeville Water District and the Robinson Chapel Water System, Inc. This project shall install various distribution piping, valving, and metering improvements to connect the existing distribution systems. The proposed project also involves the construction of one (1) granular activated carbon (GAC) treatment unit, ground storage tank, booster station, chlorination systems, site piping, associated site work. The proposed GAC treatment improvements shall be constructed within the existing boundaries the District's Ray Road site. The proposed booster station is required to accommodate the high elevation of the Roginson Chapel Water System, the booster station will be located on an existing tract owned by the Cadeville.</p> <p><b>Admin Order</b> pertained to non-compliance with State primary drinking water regulations, exceeding MCL for trihalomethanes (TTHM).</p>	February-21

System Name	PWSID	Est. Loan Amount	Points	Rank	Population	Additional Subsidy Amount	Disadvantaged Subsidy	Project Description	Est. Date to Close Loan
<b>Sabine Parish WWD#1</b>	1085036	2,295,000	<b>36</b>	7	6,670	600,000	673,200	<b>CONSOLIDATION with Ajax-Beulah:</b> This project shall install various distribution piping, valving, and metering improvements to connect the existing distribution systems. The proposed project also involves the construction of one (1) granular activated carbon (GAC) treatment unit, ground storage tank, booster station, chlorination systems, site piping, site work and associated items at the Ajax-Beulah WS primary station. The proposed GAC treatment improvements shall be constructed within the existing boundaries of the site. The proposed station improvements are required to resolve Ajax's ongoing disinfection byproducts violations.	July-20
<b>Highway 84 West Water System, Inc</b>	1127007	830,000	<b>39</b>	8	410			Proposed project involves the construction of one granular activated carbon (GAC) treatment units, ground storage tank, booster station, chlorination systems, site piping, site work and associated items. The proposed GAC treatment improvements shall be constructed within the existing boundaries of the Primary Facility.	December-20
<b>City of Oakdale</b>	1003006	3,800,000	<b>34</b>	9	7,704			The proposed project includes rehabilitating four existing wells, adding an aerator to strip H2S at one well, replacing two existing GSTs with larger tank, repainting another existing GST and EST, and replacing the City's water meters with new radio-read meters.	April-21
<b>East Feliciana Rural Water</b>	1037004	2,500,000	<b>30</b>	10	10,000	507,200	673,200	To consolidate the Town of Clinton into EFRW, construction will consist of: rehab Taylor Street Tower, add 800 auto read meters, abandon & demo Town Hall Well and Tower. Provide two tie-ins between EFRWS and Clinton - one consisting of approximately 19,000 linear feet of line along Hwy 10, new line and appurtenance improvements, New/Upgraded billing hardware/software, replacement vehicles and equipment.	January-21
<b>East Desoto Water System, Inc.</b>	1031005	750,000	<b>21</b>	11	1,590		500,000	Proposed project involves the construction of a duplex booster station, ground storage facility, chlorination system, various site piping, various site work and a TTHM removal system at the System's primary site. The project will also provide for the renovation of the US-84 Booster Station. Emergency power systems shall be assessed if the funding allows.	January-20
<b>Town of Sunset (Loan 2)</b>	1097015	2,350,000	<b>20</b>	12	3,080			The proposed project consists of one water treatment facility, with appurtenances, and interconnected water lines to treat water from existing water wells.	October-20
<b>St Bernard Parish (Loan 3)</b>	1087001	10,000,000	<b>20</b>	13	46,202			Replacement of existing aged and deteriorated cast iron waterline segments in the St. Bernard Parish Waterworks distribution system Directional drilling new waterline connections across HWY 46, and construction of a 3-million Gallon Ground Storage Tank to replace existing deteriorating 2-million Gallon tank at the water treatment plant.	August-20
<b>City of Rayne</b>	11001007	2,300,000	<b>13</b>	14	7,865			The proposed project consists of replacing the internal mechanism of the existing clarifier and multicone aerator. If funding allows the city would like to install emergency generator, and automation of plant.	March-21
<b>City of Gonzales</b>	1005030	2,400,000	<b>7</b>	15	11,094			The proposed project consists of relocating existing 16" water main to newly acquired right-of-way approximately 15 to 20 feet from current location to accommodate new roadway widening project on Roddy Road.	November-20
<b>Total</b>		<b>\$ 40,804,200</b>							