STATE OF MISSISSIPPI
DRINKING WATER SYSTEMS IMPROVEMENTS
REVOLVING LOAN FUND PROGRAM

DRAFT
AMENDMENT #1
FY-2012 INTENDED USE PLAN

Presented to the Board for Review and Comment
On April 20, 2012

MISSISSIPPI STATE DEPARTMENT OF HEALTH

LOCAL GOVERNMENTS AND RURAL WATER SYSTEMS

IMPROVEMENTS BOARD

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STATE OF MISSISSIPPI

LOCAL GOVERNMENTS AND RURAL WATER SYSTEMS IMPROVEMENTS BOARD

DRINKING WATER SYSTEMS IMPROVEMENTS REVOLVING LOAN FUND

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Purpose of Amendment No. 1 to the
FY-2012 Intended Use Plan

The Purpose of this amendment is to revise the Final FY-2012 Intended Use Plan to reflect the following changes:

- To account for all financial information referencing the 2012 Capitalization Grant to reflect Mississippi's actual allotment as determined by the Environmental Protection Agency. -Pages 2 & 6-

- To modify the content of section FY-2012 Appropriation Special Provisions to reflect the known provision that were recently supplied by the Environmental Protection Agency (EPA). –Page 10-

- To modify the Administrative set-aside section to reflect the programs decision to take the previously reserved FY-2003 set-aside from the FY-2012 capitalization grant allotment. –Page 12 & 33-

- To account for all financial set-aside information referencing the 2012 Capitalization Grant to reflect the Mississippi's actual allotment. -Pages 13-

- To modify existing FY-2012 Green Infrastructure Requirement to reflect the provisions limited role. –Pages 14 & 15-

- To reflect the subsidization requirement now has a range of a minimum of 20% and maximum of 30%. –Page 16-

- To delete the "Green Infrastructure Requirements" –Page 23-

- To account for the effect that the 2012 Capitalization Grant will have on the funding line in the Priority List –page 26-, the Detailed Project List –Page 32-, Appendix B -Page 43-

- To modify Appendices A, B, F, and H to reflect the FY-2012 Capitalization Grant and its effect on taken set-asides. –Page 39, 45, 53, & 60-

- To modify Appendices C and D to reflect the FY-2012 Capitalization Grant's effect on the ACH Ceiling and grant drawdowns. –Pages 46 & 47-

I. Introduction

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

The Safe Drinking Water Act Amendments of 1996 (SDWA) established the national Drinking Water State Revolving Fund (DWSRF) Program. That program allows the Environmental Protection Agency (EPA) to make capitalization grants to states to, in turn, provide low cost loans to public water systems to help achieve or maintain compliance with SDWA requirements. Accordingly, the State Legislature (through Section 41-3-16, MS Code of 1972 Annotated) created what is now called the Drinking Water Systems Improvements Revolving Loan Fund (DWSIRLF) Program, to receive the federal DWSRF capitalization grants from EPA, and to provide low cost loans to the state's public water systems to finance needed infrastructure improvements. This legislation also allows the DWSIRLF, subject to the authority of State Law, to make loans that may utilize additional subsidization beyond standard DWSIRLF loans as well as setting appropriate criteria to determine eligible recipients.

That same legislation created the "Local Governments and Rural Water Systems Improvements Board" (Board), to oversee the administration of the DWSIRLF Program. The Mississippi State Department of Health (Department), as the state's drinking water primacy agency, supplies the staff and facilities necessary to administer the program. The Board is composed of the following nine (9) members: the State Health Officer, who shall serve as chairman of the Board; the Executive Director of the Mississippi Development Authority; the Executive Director of the Department of Environmental Quality; the Executive Director of the Department of Finance and Administration; the Executive Director of the Mississippi Association of Supervisors; the Executive Director of the Mississippi Municipal League; the Executive Director of the American Council of Engineering Companies; the State Director of the United States Department of Agriculture, Rural Development; and a manager of a rural water system. Each agency director may appoint a designee to serve in his or her place on the Board. The rural water system manager is appointed by the Governor. In the creation of the program it was the intent of the Legislature that the Board endeavor to ensure that the costs of administering the DWSIRLF Program are as low as possible, in order to provide the water consumers of Mississippi with safe drinking water at affordable prices.

As a condition of receiving the DWSRF capitalization grants, the SDWA requires that each state annually prepare an Intended Use Plan (IUP). The IUP is designed to outline how a state will utilize DWSRF funds to assist in protecting public health. The DWSIRLF Fund consists of both state and federal funds. Federal funds are provided to the states in the form of awarded capitalization grants. Each state's allotment of those grants is based on EPA's Needs Survey that is performed every four years. State matching funds totaling 20% of the federal grant amount are required to be deposited into the Fund and have historically been provided through the issuance of bonds. The purpose of this IUP is to convey the State of Mississippi's (State) DWSRF plan for FY-2012 to EPA, other state agencies, the state's public water supplies, and the general public.

B. Program Overview

The basic framework under which the DWSIRLF Program operates is established by two documents. The first document is the Drinking Water State Revolving Fund Loan Program Operating Agreement (Operating Agreement) between the Mississippi State Department of Health and the Environmental Protection Agency, Region IV. The most current Operating Agreement was agreed to by both parties and approved on February 3, 2009. The Operating Agreement establishes the basic framework of the DWSIRLF that is not expected to change from year-to-year. The second document is this IUP, which describes how the State of Mississippi will obligate the FY-2012 DWSRF allotment of $9,341,000 from July, 2012, through June, 2016, as will be shown in the capitalization grant application. This IUP will show in detail the following: the goals (basic, long-term and short-term), the structure, and the financial status of the loan program; the role of the set-aside activities within the state; and most importantly, the distribution of funds towards public water system improvements projects and the criteria used to determine their ranking within the priority system. Those desiring to receive a copy of either of these documents should contact Ulysses Conley, Program Support Specialist, at (601) 576-7518 to request copies.

C. Public Input, Review, and Comment Procedures

To ensure that the public has an ample opportunity to review and comment upon the IUP, the Department and the Board follow the "Mississippi Administrative Procedures Law" prior to final submission of the IUP to EPA. A public notice period of at least twenty-five (25) days allows for review and comment before a public hearing. A second filing with the Secretary of State's Office occurs with the IUP becoming law 30 days later.

Public notice will be given in *The Clarion Ledger*, a newspaper of statewide circulation, to receive any written and oral comments on this IUP. A public hearing will be held at 9:00 a.m. on Friday, May 18, 2012. A transcript of the public hearing, recording the comments and recommended solutions, will be submitted to EPA along with the Final IUP. Those desiring to receive a copy of the public hearing transcript should contact Ulysses Conley, Program Support Specialist, at (601) 576-7518 to request copies. A copy of the "Mississippi Administrative Procedures Law" may be obtained from the Mississippi Secretary of State's Office, and can also be found on the Mississippi State Department of Health's website at www.msdh.state.ms.us/dwsrf.

II. Goals of Mississippi's Drinking Water Systems Improvements Revolving Loan Fund (DWSIRLF) Program

The Board has established certain goals for the DWSIRLF Program with the objective of improving the program on an ongoing basis. The goals have been classified into three categories that include basic, long-term, and short-term. These goals were developed to address the necessary requirements of federal and state regulations, as well as the state's need and desire to maintain and enhance the program. Congress and the State of Mississippi have placed particular emphasis on assisting smaller drinking water systems

under the DWSIRLF to ensure that these systems have adequate technical, managerial, and financial resources to achieve or maintain compliance and provide safe drinking water.

A. Basic Goals

a. Maintain a financially sound DWSIRLF in perpetuity; meet a portion of the drinking water needs in the state within a reasonable period of time; and fund projects in order of public health importance. Attaining these basic goals will help ensure that Mississippi's drinking water supplies remain safe and affordable, and that those public water systems that receive funding will be properly operated and maintained.

b. Determine the DWSIRLF's yearly interest rate, taking into consideration that it must be competitive with the private sector, as well as with other available funding sources within the state. This will ensure the timely use of available funds, as well as ensure sufficient income is generated to provide for the perpetuity of the Fund. Further details of loan terms and priority ranking are outlined in Sections IV and VI of this IUP.

B. Long-Term DWSIRLF Goals

1. Enhance and/or improve loan application and repayment procedures. MSDH intends to periodically evaluate the existing program requirements and procedures to determine ways to streamline the DWSIRLF Program's application and repayment procedures, making it more user-friendly, attractive and beneficial to loan recipients, while ensuring continued compliance with all federal and state regulations and requirements. This task may prove to be difficult due to the potential provisions linked to the appropriations that change from year to year.

2. In addition to streamlining program requirements and procedures, Program staff are exploring the feasibility of creating a universal web-based ranking form for all lending agencies within the state. The proposed form would ask a few simple questions, recommend a lending program based on the responses, and submit the ranking form to the appropriate agency. This could help potential loan recipients find the program that is right for their water utility, quickly and easily.

3. Use Set-Aside to fund abandonment and plugging of wells. Beginning last year, the program began using the Local Assistance and Other State Programs set-aside to properly abandon inactive wells and open holes. These inactive wells and open holes are potential avenues of contamination to the aquifer and a danger to humans. We believe this is a worthwhile endeavor that will protect the source water of the state's water supplies.

4. Develop a tracking system to manage program documents and disbursements. A tracking system will provide DWSIRLF loan recipients and their representatives

an opportunity to view the status and/or location of documents mailed to the DWSIRLF program for review and/or processing. This tracking system will also assist DWSIRLF staff in tracking/monitoring program documentation reviews as well as disbursements.

5. Develop a comprehensive engineering project manager (PM) manual. While the program is fully staffed, the Bureau of Public Water Supply continues to make changes to the personnel involved with the DWSIRLF Program as the need arises. A comprehensive manual for project management will help ensure new PMs will have all the necessary tools and reference material at their disposal to ensure the ongoing project flow will be uninterrupted. Since regulations change periodically, once the manual is completed it will be maintained by assigned staff.

C. Short-Term DWSIRLF Goals

1. Enhance and/or improve the DWSIRLF Loan Program by making it more attractive to public water systems. The evaluation of this goal will be based on input received from "one-on-one" visits with staff at engineering firms, town conferences, and general feedback obtained from loan recipients and consulting engineers during the loan process. These meetings will be conducted with firms currently participating in the DWSIRLF program to collect data regarding the effectiveness of the loan application process currently being implemented by the DWSIRLF.

2. Explore the possibility of developing web-based checklists and forms to electronically store and process project management information.

3. Assist applicants in addressing capacity assessment deficiencies found during annual inspections by using technical solutions afforded by the technical assistance set-aside contractors. New or forthcoming regulations may make this a key goal in the future.

4. Train new staff members using available training sessions provided by EPA Region IV staff.

5. Meet special funding goals: It is an increasing possibility that the FY-2012 federal appropriation will include new or recently introduced provisions that will require compliance monitoring, thus creating an additional burden to the program. As these new provision(s) are unknown at this time, the program will make appropriate adjustments when new information becomes available.

6. Implement an automatic repayment collection system: Many loan recipients in the repayment mode of the program desire an automatic electronic repayment system as is available in the public sector. Recently, two programs within the MSDH have successfully established this automatic payment method. The DWSIRLF, by instituting this payment option, will ensure a more timely receipt

of monthly repayments, as well as make the repayment process much more convenient for our loan recipients.

III. Structure of the Mississippi DWSIRLF

The Mississippi DWSIRLF is structured around three separate funds that sustain the program and help it achieve the basic, short-term, and long-term goals. The funds are broken down further into designated accounts, each having a specific function:

A. DWSIRLF Loan/Operations Fund

Monies in the Fund support a majority of the functions of the DWSIRLF. These functions include: program administration, set-aside operations, and most importantly, providing loans to public water systems for eligible projects. The DWSIRLF is a reimbursement program, meaning that after the loan is awarded, costs associated with planning, designing and constructing the project are reimbursed to the recipient. Capitalization grants from EPA, loan repayments and interest earnings are deposited into this Fund.

1. Types of Eligible Projects:
   Many types of projects are eligible for funding under the loan program. For a more detailed explanation of eligible costs for projects, please reference Appendix A of the DWSIRLF Regulations.

2. Set-aside Accounts:
   The set-aside accounts reside under the umbrella of the Fund and are distinctly designated by reporting categories. A listing of the set-asides taken by Mississippi includes the following:
   a. Administrative Set-aside: Used to provide financial support to administer the loan program and other non-project-related activities.
   b. Small System Technical Assistance Set-aside: Used to provide technical assistance to small water systems through the current contractual services of the *Community Resources Group* (CRG), Mississippi State University – Extension Service (MSU-ES) and the Mississippi Rural Water Association (MsRWA)
   c. State Program Management Set-aside: Used to provide additional financial support to MSDH – Bureau of Public Water Supply for Public Water System Supervision program support.
   d. Local Assistance and Other State Programs: Used to provide additional funding for the establishment and implementation of a wellhead protection program.

B. DWSIRLF State Match Funds

As required by the SDWA, the State of Mississippi must match the capitalization grant with state funds equaling 20% of the federal allotment. Mississippi historically

has received the required 20% state match from the sale of General Obligation Bonds authorized by the State Legislature and sold by the Mississippi State Bond Commission. While state match monies provided through the bond sales are maintained separately from the Fund for accounting purposes, they are still considered to be under the "umbrella" protection of the DWSRF Fund.

C. Drinking Water Systems Emergency Loan Fund (DWSELF)

This fund contains state monies that are to be utilized only for public water supply loans which meet the definition of emergency. For further information see Appendix J.

IV. Financial Status of the DWSIRLF

This section outlines all sources of funding available to the DWSIRLF program and indicates intended uses. This section also describes the financial assistance terms available through the program.

A. Source and Use of Funds

Funding amounts and their use are outlined in Appendix A. For FY-2012 the federal allotment is $9,341,000 and the required 20% state match of $1,868,200 will provide a total of $11,209,200 to be used for loans and set-aside activities. An estimated $7,397,980 will be used for loans to Mississippi public water supplies, with $1,943,020 being utilized for set-aside activities. Unobligated funds from the previous year, anticipated loan repayments, and interest earnings are additional funding sources, which are not classified as state match. Set-aside use for the standard capitalization grant is outlined in Section V. of this IUP. Necessary workplans showing utilization of these funds are found at the end of this IUP.

1. Federal Allotment
   Mississippi's FY-2012 capitalization grant is $9,341,000 based on the FY-2012 legislative appropriation. According to the final federal appropriation, the FY-2012 grant requires that an estimated 20 percent of the funds appropriated herein for the Revolving Funds shall be designated for green infrastructure, water efficiency improvements, energy efficiency improvements, or other environmentally innovative projects. Furthermore up to 30% of the total grant funds are required to be provided as additional subsidy to FY-2012 loan recipients. Based on capitalization grant and state match requirement, the expected cash draw ratio of 20.16% state match funds to 79.84% federal grant funds and will be included in grant application.

2. State Match Requirements
   The state receives its 20% state match from the sale of General Obligation Bonds authorized by the State Legislature. The Legislature passed House Bill No. 209 to establish a Local Governments and Rural Water Systems Improvements

Revolving Loan Program and authorized the sale of $15,000,000 in General Obligation Bonds which were deposited into the Loan Fund. As stated in the law, one of the purposes for these funds is that, "All or any portion of the monies in the fund may be used to match any federal funds that are available for the same or related purposes for which funds are used and expended under this act." Initially, $10,000,000 of these General Obligation bonds were sold in May of 1997 and the proceeds were deposited into the Fund on May 29, 1997. Later, the remaining $5,000,000 of the original bonding authority was sold and deposited into the DWSIRLF fund on October 5, 2000.

- $3,294,840 was used as match for the FY-97 Cap grant,
- $1,654,340 was used as match for the FY-98 Cap grant,
- $1,733,900 was used as match for the FY-99 Cap grant,
- $1,802,020 was used as match for the FY-2000 Cap grant,
- $1,809,480 was used as match for the FY-2001 cap grant,
- $1,610,500 was used as match for the FY-2002 cap grant,
- $1,600,820 was used as match for the FY-2003 cap grant,
- $1,494,100 was used as match for $7,470,500 of the FY-2004 cap grant.

During the Spring 2003 Legislative Session, the Legislature provided the Board with an additional $130,000 in bonding authority. Additionally, during the Spring 2004 Legislative Session, the Legislature authorized $1,613,000 in general obligation bonds. A total of $1,740,000 was deposited in the DWSIRL Fund during the 1st Quarter of FY-2005.

- $129,776 was used as match for $648,880 of the FY-2004 cap grant.
- $36,744 was used as match for $183,720 which was the remaining FY-2004 cap grant.
- $1,573,480 was used as match for $7,867,400 of the FY-2005 cap grant.

During the 2006 Regular Legislative Session, the Legislature authorized general obligation bonds in the amount of $4,003,000, which were sold and deposited in the SRF Fund during the 1st Quarter of FY-2007. After paying the issuance cost of $2,128.26:

- $83,620 was used to match the remaining $418,100 of the FY-2005 cap grant.
- $1,645,860 was used to match the FY-2006 cap grant ($8,229,300).
- $1,645,800 was used to match the FY-2007 cap grant ($8,229,000).
- $625,591 was used to match a portion ($3,127,955) of the FY-2008 cap grant.

During the 2008 Regular Legislative Session, the State Legislature authorized an additional $4,000,000 in general obligation bonds which were sold and deposited into the Fund during the 1st Quarter of FY-2009. After paying issuance costs of $2,256.05:

- $1,003,609 was used to match the remaining FY-2008 cap grant.
- $1,629,200 was used to match the FY-2009 cap grant ($8,146,000).
- $1,364,935 was used to match a portion of the FY-2010 cap grant or $6,824,675.

During the 2010 Regular Legislative Session, the State Legislature authorized an additional $1,400,000 in general obligation bonds which were sold and deposited into the Fund during the 4th Quarter of FY-2010. After paying issuance costs of $9,086.77:

- $1,390,913.23 was used to match an additional portion of the FY-2010 cap grant or $6,954,566.15.

During the 2011 Regular Legislative Session, the State Legislature authorized an additional $2,700,000 in general obligation bonds which were sold and deposited into the Fund during the 4th Quarter of FY-2011. After paying issuance and discount costs of $13,104.91:

- $69,152 was used to match the remaining FY-2010 cap grant.
- $1,960,400 will be used to match the FY-2011 cap grant.
- $1,833.37 will be used to match $9,166.85 transferred to the DWSIRLF from the remaining balance of the MS Operator Certification Grant for making additional loans.
- The remaining $655,510 in bonds will be used to match $3,277,550 of the FY-2012 capitalization grant.

The remaining match needed to completely capture the balance of the FY-2012 cap grant will requested to be appropriated during the FY-2012 legislative session and will be included as a part of any disbursements made during FY-2012.

3. Loan Increase Reserve
   Beginning in FY-2003 the Board began to make loan awards after approval of the facilities plans and loan application rather than after completion of design. This change in the loan award sequence increased the likelihood that bid overruns on some projects may be greater than the construction contingency included in the loan agreement. In order to provide needed loan increases to existing loans, the Board intends to set-aside the amount indicated in Appendix A for such loan increases to be awarded on a first-come, first-served basis. Any funds not obligated for these purposes by the end of the fiscal year may be made available for new loan awards to the highest ranking project(s) that is ready for loan award at the time funds become available.

B. Financial Planning Process

In accordance with the Board's desire to maintain a financially sound DWSIRLF loan fund in perpetuity, while at the same time meeting a substantial portion of the drinking water needs in the state within a reasonable period of time, the following financial decisions were made regarding the Fund:

1. Efficient Bond Management
   The Board intends that the MSDH apply for the entire state allotment under the federal DWSRF, including the set-asides described in Section V. below. The Board has decided that any bond proceeds be deposited into the DWSIRLF fund to be "banked" as state match for federal DWSRF capitalization grants, and has made this entire amount immediately available for DWSIRLF loans.

2. Interest Rate Determination
   As mentioned previously in the Goals Section of the IUP, it is the Board's intention to adjust interest rates such that the demand will eventually equal the funds available. In order to ensure that this interest rate will be at or below the prevailing market rates at the time a loan is made, this rate will be compared to the twenty-year (20) triple-A rated, tax-exempt insured revenue bond yield published by The Bond Market Association/ Bloomberg (Bloomberg Online, http://www.bloomberg.com/markets/rates/index.html).

3. Investment
   Investment Procedures for Excess Cash - According to the State Treasurer, the excess cash in the DWSIRLF is invested by the State Treasurer in securities prescribed in Section 27-105-33, et. Seq., of the Mississippi Code of 1972 Annotated, as amended. The securities in which state funds may be invested include certificates of deposit with qualified state depositories, repurchase agreements (fully secured by direct United States Treasury obligations, United States Government agency obligations, United States Government instrumentalities or United States Government sponsored enterprise obligations), direct United States Treasury obligations, United States Government agency obligations, United States Government instrumentalities or United States Government sponsored enterprise obligations, and any other open-ended or closed-ended management type investment company or investment trust registered under the provisions of 15 U.S.C. Section 80(a)-1 et. Seq, provided that the portfolio is limited to direct obligations issued by the United States of America, United States Government agency obligations, United States Government instrumentalities or United States Government sponsored enterprise obligations and to repurchase agreements fully collateralized by the securities listed above for repurchase agreements.

C. Financial Terms of Loans

The following terms will be used for the purpose of making loans to the public water systems within the State of Mississippi.

1. Funding Limit
   Under state law, the Board has the discretion to set the maximum amount for DWSIRLF loans. For FY-2012 the Board has set the maximum loan amount to be $5,000,000, per borrower. The Board may allow this maximum loan limit to be exceeded by vote on a case-by-case basis, if requested by the borrower and the need has been justified. Furthermore, during FY-2012, no more than one loan per borrower will be allowed. These funding limits will be implemented due to the reduced amount of available funds. By the end of the fiscal year, in the event that additional funds are available, systems previously receiving an award during FY-2012 may obtain an additional award(s) or an increase to a previous FY-2012 award, if no other eligible systems are evident.

2. Interest Rate
   All loan terms will be at 1.95% annual interest rate, compounded monthly, with a maximum 20-year repayment period. The interest will not accrue during construction, but will commence at the date of completion of the original construction period.

3. Administration Fee
   Revenues to pay for DWSIRLF program administrative costs will be collected through an administration fee of 5% of the initial loan principal. This fee will be collected from the interest portion of loan repayments on all FY-2012 loans. There are ample funds in this program administration fund at this time. The Department expects to receive approximately $1.1M over the course of approximately two years after FY-2012 loans have been closed out and have begun repayments. This amount is pending the receipt of the full amount of the requested EPA FY-2012 Capitalization Grant.

4. FY-2012 Appropriation Special Provisions
   While the FY-2012 appropriations bill has not been finalized, the final allotment amounts and its additional federal requirements are ~~un~~known at this time. The FY-2012 federal appropriation funds require that a portion of the capitalization grant funds be used to provide additional subsidization beyond low interest rates to loan recipients. That additional subsidization could take the form of principal forgiveness, negative interest rates, or a combination of the two. Furthermore, all loans made with all or part FY-2012 federal appropriation funds will have the added loan conditions associated with the Davis-Bacon Act. Appropriate language will be added to all FY-2012 loan agreements identifying the additional responsibilities for loan recipients. Additionally, while "Green Infrastructure" is no longer an appropriation requirement, the Program will continue to encourage those types of projects to seek funding from the DWSIRLF.

5. Other Related Issues
   a. *Type of Assistance Provided:* The assistance to be provided under the DWSIRLF loan program will be loans to public, tax-exempt entities which are authorized under state law to collect, treat, store and distribute piped water for human consumption; to enter into a DWSIRLF loan agreement; and, which have the ability to repay the DWSIRLF loan. With the funds afforded through the FY-2012 appropriation, the DWSIRLF will be able to make loans that will have an amount of principal forgiveness, if the loan recipient is designated a disadvantaged community. As the specifics of the FY-2012 appropriation bill are known, the Board may set a limit on the total amount of grant funds that would be designated for additional subsidy. Once the limit of the appropriation subsidy funds has been reached for FY-2012, loans will return to the DWSIRLF's standard terms without principal forgiveness. In all cases, these loans will be for the construction of eligible drinking water production, treatment and distribution facilities.

b. *Project Costs Eligibility:* Eligible/allowable project costs will include those costs that are eligible, reasonable, necessary, and allocable to the project, within the established project scope and budget, in conformance with the DWSIRLF regulations and approved by MSDH.

c. *Loan Participation:* DWSIRLF loan participation will be at 100% of eligible project costs, less any funding made available from other agencies for these same eligible project costs.

d. *Pre-Award Costs:* Project costs incurred prior to loan award will be DWSIRLF loan eligible provided:
   i. The debt is for work under a construction contract for which the notice to proceed was issued on or after October 1, 2011, and the DWSIRLF loan is awarded by September 30, 2012.
   ii. The project is in compliance with all applicable DWSIRLF program regulations and obtains MSDH approval of all applicable documents prior to award of the DWSIRLF loan.
   iii. The prospective loan recipient agrees that by incurring costs prior to loan award, it proceeds at its own risk and relieves the Board, the Department, and the Department's staff of all responsibility and liability should such costs later be determined unallowable for any reason or should such funding not become available for any reason.
   iv. The prospective loan recipient agrees that by incurring costs prior to loan award, no future commitment of funding a refinanced project is provided.

e. *Priority List:* The FY-2012 Priority List expires on September 30, 2012. Projects listed in the FY-2012 Priority List that do not receive funding by this date will not be funded under the FY-2012 funding cycle, and will be subject to the requirements of the FY-2012 or subsequent IUPs and Priority Lists. Detailed information for the FY-2012 DWSIRLF projects is shown in Section VIII of this IUP. To facilitate the use of FY-2012 federally appropriated funds, the priority list may be adjusted to allow funds to be disbursed according to the federal requirements.

V. Set-Aside Activities

The SDWA allows each state to set-aside up to 31 percent of its federal capitalization grant to support non-project-related drinking water programs including: administration of the loan program, technical assistance to public water systems, state program management and other special activities. The state plans to use an estimated $1,943,020 of the federal grant to support these activities along with an additional estimated $934,100 in state money needed for state program management match. These non-project-related programs will be operated by the MSDH within the agency itself or through contracts with other agencies or organizations. Contracts between the MSDH and other agencies or organizations will be approved by the Board. Workplans detailing

how funds will be expended for the set-asides utilized are included as appendices within this IUP. Additionally, progress reports will be included in the Annual Report for those set-asides utilized. As of this public notice, the state has elected not to take any additional set-asides from the FY-2012 appropriation, but reserves the right to make revisions to utilize those set-asides.

A. Administration

Standard Capitalization Grant

The state will not use or reserve to be used at a later date the 4% set-aside from the FY-2012 Capitalization Grant for administration. However, the state will now use the previously reserved FY-2003 ($322,100) administrative set-aside amount by taking an equal amount from the FY-2012 Capitalization Grant for administrative purposes. Additionally, the state wishes to exercise its right to continue to reserve the, FY-2004 ($332,124), FY-2009 ($325,840) the FY-2010 remaining amount ($282,500), and the FY-2011 ($385,800) reserved from administrative set-aside funds to be taken when needed from future capitalization grants. Reserved set-aside amounts are based on the original capitalization grants awarded during those previous fiscal years. In an effort to make the program more desirable for potential loan recipients, in 2009 the Board implemented a new administrative fee collection method in conjunction with the FY-2009 IUP and after. Previously, the administrative fee was collected in the first payment request submitted by the loan recipient. The current method collects the fees during the initial months of the 20-year repayment period. Continuing to reserve the funds from ~~FY-2003,~~ FY-2004, FY-2009, FY-2010 and FY-2011 is necessary to ensure that administrative funds will be available during the lengthy transition to the new administrative fee collection method that could be as long as two years. With the increased staff that is needed to properly manage the program, administrative funds will be depleted rapidly and the additional reserved administrative set-aside funds will be required for continued program operation. The reserved administrative set-asides will be taken from future capitalization grants when it appears that the current administrative fund account will be insufficient to cover the fiscal year. The fact is also noted that the additional subsidy requirements tied to current federal appropriations has reduced loan amounts and loan repayments thus reducing administrative fees returned through the interest portion of the repayments. Additionally, the economic climate that the country is currently facing has shown that many systems are unwilling to assume the additional debt that a loan would present. These conditions have made the need for the continued reserve of these funds even more important. If the program needs to capture reserved funds from future capitalization grants, only two of the reserved amounts will be taken at any time. This will allow the program to meet the administrative needs and maximize the amount of funds utilized in the loan program.

B. Small System Technical Assistance

Standard Capitalization Grant

The state intends to set-aside two (2%) percent or $186,820 of its estimated FY-2012 Capitalization Grant to provide technical assistance to public water systems serving under 10,000 population. With approval by the Board, the state intends to use this set-aside to fund contracts for the following activities: Special Assistance to Referred Systems; Board Management Training for Water System Officials; On-Site Technical Assistance; PEER Review Program; and Hands-on Operator Training. Each of these activities is described in detail in the State of Mississippi's Small Systems Technical Assistance Set-Aside Work Plan included as Appendix F to this IUP.

C. State Program Management

Standard Capitalization Grant
The state intends to set-aside the full ten percent (10%) or $934,100 of the estimated FY-2012 Capitalization Grant, as authorized by Section 1452(g)(2) of the Safe Drinking Water Act of 1996, for State Program Management to be used for Public Water System Supervision (PWSS) activities conducted under Section 1443(a) of the Act. These activities are described in more detail in the State of Mississippi's State Program Management Set-aside Annual Work Plan included as Appendix G to this IUP. The state must provide a dollar-for-dollar match (100% match) for Capitalization Grant funds used for these activities. This match is separate and in addition to the twenty (20%) percent state match required for the Capitalization Grant. The state is allowed to offset the 100% match requirement by claiming credit for State FY-2012 PWSS expenditures that exceed the State's FY-2012 PWSS match requirement. The state is further allowed to use state FY-1993 PWSS expenditures as a "coupon" to offset the 100% match requirement as long as this amount does not exceed the amount that can be claimed from FY-2012 expenditures. While this is allowed, the MSDH Bureau of Public Water Supply sees this as providing no additional monetary benefit to the State Program Management Program and has elected to decline the "coupon". A tabulation showing amount and source of funds to satisfy match requirements for the FY-2012 State Program Management set-aside is furnished as Appendix H to this IUP.

D. Local Assistance and Other State Programs

The state intends to set-aside five point one (5.4%) percent or $500,000 of its FY-2012 Capitalization Grant to provide funding needed for wellhead protection throughout the state. These funds will be used to properly abandon inactive wells that pose a risk to existing active public water supply source water wells, as well as the environment.

VI. Priority System

The SDWA provides the state with the flexibility to determine how to best utilize the capitalization grant. Bearing this in mind, Mississippi has particular issues facing its public water systems which are unique to the state; however, the SDWA requirements give priority to those projects which:

- address the most serious risk to human health
- are necessary to ensure compliance with the SDWA requirements
- assist systems most in need, on a per household basis.

A. Funding and Ranking Rationale

Projects will be placed on the fundable portion of the Priority List according to both priority ranking and readiness to proceed. The term "ready to proceed" means that all loan application requirements established in the program regulations are met, and all documents necessary for loan award are approved. If a project cannot reasonably be expected to meet the Priority System deadlines, then the project will not be placed on the current year's priority list, but rather will be placed on the planning list. It is the Board's judgment as to whether the project can be ready to proceed. Loans will be awarded (within the available funds) in the following order: projects above funding line (the current year's priority list) that have met all Priority System deadlines will be funded when they are ready to proceed.

1. Funding Lists and Bypass Procedure
   Should any projects on the FY-2012 Priority List shown above the funding line fail to comply with the deadlines in Section D, the project shall be bypassed and the funds reserved for said project will be released. These released funds will first be made available to ensure that all projects above the funding line meeting priority system deadlines are funded, with any remainder made available to the highest ranking project(s) shown below the funding line that is ready for loan award at the time funds become available. If no projects above the funding line are ready for loan award at the time funds become available, projects shown below the funding line will be funded on a first-come, first-served basis as they become ready for loan award and until the released funds are awarded. This same process will continue as each deadline passes and released funds become available.

2. FY-2012 Green Infrastructure Requirement
   The FY-2012 federal appropriation does not have a requirement that 20% of the funds appropriated for the Revolving Funds be designated for projects that exhibit the elements of green infrastructure, water efficiency improvements, energy efficiency improvements or other environmentally innovative projects. However, projects that wish to be classified in the following elements will be reported as green infrastructure to the EPA through its "Project and Benefits Report Database" and noted in the future annual report. Projects may exhibit one or more of the "green" elements and the details of the project's "green" content will be identified in the business case required for each project if the recipient so chooses.
   - **Green infrastructure projects** include a wide array of practices at multiple scales that manage wet weather and that maintain and restore natural hydrology

by infiltrating, evapotranspiring and harvesting and using stormwater. On a regional scale, green infrastructure is the preservation and restoration of natural landscape features, such as forests, floodplains and wetlands, coupled with policies such as infill and redevelopment that reduce overall imperviousness in a watershed. On the local scale, it can consist of site- and neighborhood-specific practices, such as bioretention, trees, green roofs, permeable pavements and cisterns.

- **Water efficiency projects** are to be designed as the use of improved technologies and practices to deliver equal or better services with less water. It encompasses conservation and reuse efforts, as well as water loss reduction and prevention, to protect water resources for the future.
- **Energy efficiency projects** are to be designed to use improved technologies and practices to reduce the energy consumption of water projects, use energy in a more efficient way, and/or produce/utilize renewable energy.
- **Environmentally innovative projects** include those that demonstrate new and/or innovative approaches to delivering services or managing water resources in a more sustainable way.

Projects desiring to be classified as "green" will be judged for eligibility based on the guidance supplied by the EPA and that is available at our website www.healthyms.com/dwsrf. Systems desiring "Green Infrastructure" classification will be required to present a "business case" establishing justification for the classification request. Guidance for establishing a "business case" is available to assist potential loan recipients in preparation of the documentation. Potential loan recipients with projects on the current priority list are encouraged to make, to the extent possible, a project "green".

3. Loan Decreases

Any funds recovered from loan decreases during the year will be used: a) first to fund bid overruns, if funds from the loan increase reserve are not sufficient to cover the bid overruns; b) then to ensure that all projects above the funding line meeting the priority system deadlines are funded (for at least the amount shown on the priority list) and c) then to fund other loans and/or increases on a first-come, first-served basis. Any funds not obligated for these purposes by the end of the fiscal year may be made available for new loan awards ready to proceed on a first-come, first-served basis.

4. Match for Special Appropriations Project (SPAP) Grants

On October 10, 2001, EPA issued policy memorandum DWSRF 02-01 to notify regions and states of a change in policy regarding the use of DWSRF monies for providing local match for SPAP grants. This change in EPA policy will allow the state to use non-federal, non-state match DWSIRLF funds to provide loans that can be used as local match for SPAP grants awarded for drinking water projects.

These non-federal, non-state match DWSIRLF loan funds may be made available to eligible SPAP grant recipients that are on the priority list for use as local match funds for their SPAP grants, provided the grant is for loan eligible work. Such projects will be funded in accordance with the Priority System and until all non-

federal, non-state match monies have been obligated or demand for such funds has been met.

5. Subsidization from FY-2012 Federal Appropriation
By the passage of the FY-2012 federal appropriation, the EPA has mandated that a minimum of 20% but no more than 30% in additional subsidization be provided to disadvantaged communities. The DWISRLF's subsidization will be in the form of principal forgiveness (PF) to the individual public water supplies awarded loans during FY-2012 that are considered a disadvantaged community at some level based on the system's median household income.

Disadvantaged Community Program
During FY-2012, the following principal forgiveness methodology will be used and the information made available to loan recipients should the federal appropriation require the state to provide additional subsidy for disadvantaged communities. The amount of principal forgiveness will be determined by calculating the percentage of the median household income of the potential loan recipient (LR) versus the median household income of the State of Mississippi ($36,311). A range of MHI income and a percentage of subsidy are as follows:

90% < LR MHI < 100%	- 15% Principal Forgiveness
80% < LR MHI < 90%	- 25% Principal Forgiveness
70% < LR MHI < 80%	- 35% Principal Forgiveness
LR MHI < 70%	- 45% Principal Forgiveness

This principal forgiveness will be extended to projects until all FY-2012 mandated subsidy funds are obligated to projects. The amount of principal forgiveness (PF) given will be assigned at loan award and will not change after the project goes to the bid phase. Additionally, due to the limited amount of principal forgiveness funds, the maximum amount of principal forgiveness funds a loan recipient can receive for a project will be set a $500,000. Once subsidy funds are depleted, only standard loans will be made with DWSIRLF funds. Median household incomes to be used in the calculations will be those displayed in the publication "The Sourcebook of Zip Code Demographics", Twenty-third Edition. Where the affected community is included in more than one zip code area, an average will be used for the community's median household income. In the event that an awarded loan recipient elects to decline their loan that includes principal forgiveness funds, those funds will be reallocated to other FY-2012 awarded projects that were eligible for principal forgiveness. The returned principal forgiveness funds will be allotted based on the individual loan recipient's initial FY-2012 loan amount as a percentage of the total loan amount awarded during FY-2012. That loan recipient's percentage will be used to multiply the amount of remaining unobligated principal forgiveness funds. The resulting additional principal forgiveness amount will be added to the Loan Recipient's initial principal forgiveness amount made at the loan recipient's initial loan award. The formula is as follows:

Loan Recipient's (LR)(FY-2012) Amount_____ = % of Total FY-2012 Loans

Total FY-11 Loans Awarded to LRs receiving PF Made to LR with PF

% of Total FY-12 Loans Made * Remaining Unobligated PF for LR with PF = Added PF to Recipients

B. Priority System Categories

Project categories are defined below. Projects in Category I will be funded each year to the extent the Board makes funds available. Projects in Categories II through XI are ranked in priority order; that is, all Category II projects are ranked higher than Category III projects, etc. Ranking is established in like manner through all remaining categories. Adjustments will be made as necessary to comply with small community set-aside provisions of the Federal SDWA and as established by the Board [Section 1542(a)(2) of SDWA]. As stated previously, the order of Categories II - XI is intended to give highest priority to those projects that address the most serious risks to human health. Projects within each category will be ranked as described in Section C.

1. *Category I - Segmented Projects*
   This category of projects includes any remaining segments of projects that previously received funding for an integral portion of that project, and are necessary for the entire project to be functional. Projects will be funded under this category in order of their regular priority ranking provided they meet the deadlines established in Section D.

   In order to maintain continuity, the Board intends to make some amount of funds available for each ongoing-segmented project. Preference in the amount of funds to be provided will be given to the projects that received the earliest loan award for their initial segment.

2. *Category II - Previous Year Certified Projects*
   Priority for this category will be given to the previous year Category II projects to the maximum extent practicable. This category of projects includes projects that: (1) were listed immediately below the funding line on the previous year's Priority List within an amount of approximately 25% of that year's total available funds; (2) met all Priority System deadlines in the previous fiscal year; and (3) were not funded due to lack of DWSIRLF funds or did not receive an assurance of CDBG, ARC, RUS, or other match funding in the previous fiscal year. Within this category, projects will be ranked according to the current Priority Ranking Criteria.

3. *Category III - Primary Drinking Water Standards*
   This category includes projects to facilitate compliance with Primary Drinking Water Standards. To qualify for this category, projects must correct deficiencies resulting in non-compliance with the primary drinking water standards.

Depending on the nature of the project, additional treatment requirements may be necessary as part of the proposed project.

4. *Category IV - One Well*
   This category includes projects to provide neither additional water supply to systems that have neither a backup well nor an MSDH-approved emergency tie-in to another system to ensure safe drinking water; thereby protecting the health of the existing population. Depending on the nature of the project, additional treatment requirements may be necessary as part of the proposed project.

5. *Category V – Pressure Deficiencies*
   This category includes projects to correct documented deficiencies that result in existing systems routinely failing to maintain minimum acceptable dynamic pressure. Experience has shown that failure of water systems to maintain minimum acceptable dynamic pressure is the major cause of system contamination in Mississippi. System contamination that results from inadequate water system pressure is considered by the MSDH to be one of the most serious drinking water-related threats to public health in Mississippi

6. *Category VI - Source Water Protection Projects*
   This category includes projects to manage potential sources of contaminants/pollutants and/or prevent contaminants/pollutants from reaching sources of drinking water. To be eligible for loan participation, potential contaminants/pollutants and source water protection areas must have been identified in the public water systems Source Water Assessment Plan Report (SWAPR) prepared by the Mississippi Department of Environmental Quality's Groundwater Planning Branch (DEQ-GPB). If the public water system has not received its SWAPR from the DEQ-GPB yet, or has documentation that may change its SWAP, it shall provide in the facilities plan suitable documentation of potential sources of contaminants/pollutants that is acceptable to the DEQ-GPB before the project will be deemed eligible.

   The projects will be ranked: first in order of the highest source water classification that would be negatively impacted by source water contaminants; secondly, within each classification in order of the public water systems susceptibility assessment ranking as determined by the DEQ-GPB; and thirdly, within each susceptibility assessment ranking in order of the highest number of connections served by the public water system. Source water classifications will be ranked in the following order: surface water sources; shallow (generally ≤ 300' in depth) unconfined water wells; shallow (generally ≤ 300' in depth) confined water wells; and deep confined water wells.

7. *Category VII - System Capacity Expansion To Serve Existing Unserved Residences/Businesses*
   This category includes projects to either expand existing system capacity or construct a new drinking water system to ensure safe drinking water (source,

treatment and/or distribution) to serve existing residences/businesses in currently unserved areas.

8. *Category VIII - Back-up Water Supply Sources Projects*
   This category includes projects to provide additional supply to systems with insufficient back-up water supply sources to ensure safe drinking water, and thereby protect the health of the existing population. As a minimum, a system using ground water should be able to lose any one of the wells supplying the system and still maintain minimum acceptable dynamic pressure throughout the entire system.

9. *Category IX – Existing Facilities Upgrades (Meeting Primary Standards)*
   This category includes projects to rehabilitate, replace, protect or upgrade deteriorated, worn, aged or obsolete equipment, facilities, etc., to assure continued, dependable operation of water systems where such systems are already meeting Primary Drinking Water Standards. Depending on the nature of the project, additional treatment requirements may be necessary as part of the proposed project.

10. *Category X - Fluoride Addition*
    This category is for projects that either rehabilitate existing fluoride treatment facilities at well or treatment plant sites, or add new facilities to existing well or treatment plants.

11. *Category XI - Secondary Drinking Water Standards Projects*
    This category includes projects to provide treatment that brings systems into compliance with Secondary Drinking Water Regulations. Depending on the nature of the project, additional treatment requirements may be necessary as part of the proposed project.

12. *Category XII – Consolidation Projects*
    This category includes projects to consolidate separate systems into a single system for purposes other than those related to Categories II through IX. Consolidation will also be considered in establishing priority ranking within all categories, as described in the Priority Ranking Criteria in Section C.

13. *Category XIII – Other*
    This category includes projects that do not meet the criteria of any other listed category, and have been determined loan eligible in accordance with the DWSIRLF loan program regulations.

C. Priority Ranking Criteria

The criteria for ranking projects within each category is intended to give priority to projects that: (1) benefit the most people per dollar expended; (2) assist systems most in need on a per household affordability basis as required by the SDWA (3) use

consolidation with other systems to correct existing deficiencies and improve management; (4) take into consideration the system's current capacity; (5) encourages participation in short-term and long-term technical assistance programs; and (6) encourages participation in the Drinking Water Needs Survey. These considerations are addressed by the Priority Ranking Criteria in the following manner:

1. *Benefit/Cost*
   Benefit/Cost points assigned to each project will be determined using the following formula:

   $$\textit{Benefit/Cost Points} = \frac{\textit{Number of benefiting connections}}{\textit{Total eligible cost of improvements (in \$1.0 millions)}}$$

   The number of benefiting connections must be included in the facilities plan submitted by the applicant; be defined as the sum of individual connections **currently experiencing deficiencies that will be corrected by the improvement;** and includes only existing residences, businesses, and public buildings. Applicants must furnish information (including hydraulic analysis, if necessary) to support their estimate of the number of benefiting connections. The total eligible cost is in millions of dollars (i.e., $800,000 = $0.8 M).

2. *Affordability Factor*
   An affordability factor will be assigned to each project to reflect the relative needs of applicants on a per household basis. The Benefit/Cost points calculated in Section C.1. will be adjusted using the affordability factor in the following formula:

   Adjusted Benefit/Cost Points = (Affordability Factor) x (Benefit/Cost Points)

   The affordability factor used in the calculation is defined as the ratio of the 2009 median household income for the State of Mississippi ($36,322) to the 2009 median household income for the affected community and will be no less than 1.0 and no greater than 1.5. Median household incomes to be used in the calculations will be those displayed in the publication "The Sourcebook of Zip Code Demographics", Twentieth Edition or from the publisher's website at http://www.esribis.com/reports/ziplookup.html. Where the affected community is included in more than one zip code area, an average will be used for the community's median household income.

3. *Consolidation*
   Any project that includes consolidation (ownership and management) of separate existing systems into a single system will receive consolidation points equal to 0.5 times the Adjusted Benefit/Cost points assigned to the project. The purpose of assigning consolidation points is to promote reliability, efficiency and economy of

scale that can be achieved with larger water systems while discouraging the proliferation of numerous separate small systems with their inherent inefficiencies and limitations. Projects, in any priority category, that do not include consolidation will receive zero consolidation points in the final calculation of total priority points.

Consolidation Points = 0.5 x (Adjusted Benefit/Cost Points)

4. <u>*System Capacity*</u>
   Any project that includes scope of work to address critical design capacity issues (systems that are currently overloaded or within two (2) years of reaching their current design capacity, as determined by MSDH) will receive additional priority points equal to 25% of the Adjusted Benefit/Cost points assigned to the project. Documentation of the system capacity analysis and recommendations to address the design capacity issues must be addressed in the facilities plan to be eligible for these additional priority points.

   System Capacity Points = 0.25 x (Adjusted Benefit/Cost Points)

5. <u>*Participation in Short-Term & Long-Term Assistance Programs*</u>
   The MSDH, with the Board's approval, has contracted with Community Resources Group (CRG) to provide both short-term and long-term assistance to designated water systems in the state based on their scores on the latest Capacity Assessment Form (CAF). This assistance is provided at no cost to the water systems.

   Participation by the water systems in these assistance programs is voluntary. However, any water system that has participated in either of these assistance programs within the past two years will be eligible to receive additional priority points equal to 5% of their Adjusted Benefit/Cost Points. Water systems that have implemented all of the recommendations made by CRG will receive additional priority points equal to 5% of their Adjusted Benefit/Cost Points for a total of 10%. Documentation of participation in either of these assistance programs and implementation of the recommendations made by CRG must be included in the facilities plan before additional priority points will be granted.

   *Assistance Points = __*__ x (Adjusted Benefit/Cost Points)*

   * *5% if the water system participates in the assistance, or 10% if the water system participates in the assistance and implements all recommendations*

6. <u>*Participation in the EPA or MSDH Drinking Water Needs Survey*</u>
   Any water system that participated in the most recent MSDH Public Water Supply Improvements Needs Survey or the EPA Drinking Water Needs Survey by satisfactorily completing and returning this form to MSDH will be eligible to

receive additional priority points equal to 10% of their Adjusted Benefit/Cost Points.

Needs Survey Points = 0.10 x (Adjusted Benefit/Cost Points)

7. *Ranking Within Each Category*
   Within each category, projects will be ranked in order based on the total points assigned the project using the following formula:

   Total Priority Points = Adjusted Benefit/Cost Points + Consolidation Points + System Capacity Points + Assistance Program Points + Needs Survey Points

   Projects receiving the most priority points will be given the highest ranking on the Priority List. In case of a tie in the number of priority points, projects with the lowest median household income will receive the highest ranking.

8. *Small Community Set-Aside*
   Following completion of the ranking process, the Priority List will be reviewed to determine if at least 15% of available funding for projects above the funding line is for public water systems which regularly serve fewer than 5,000 people, which the Board has defined as a small community for the purposes of this set-aside. If this is not the case, the Priority List will be adjusted by exchanging the lowest ranking projects above the funding line that serve 5,000 or more with the highest ranking projects below the funding line that serve fewer than 5,000, until the 15% requirement is satisfied.

   It is anticipated that approximately 20.4% of all available DWSIRLF funds will be awarded to small communities with populations of 5,000 or less in FY-2012. No small communities that met the September 30, 2010, deadline for submitting a facilities plan were left off the fundable portion of the FY-2012 Priority List.

   Results to Date: Through the last fourteen (15) years of the DWSIRLF program (FY-97 through FY-11) the program has averaged 36.7% of the total available funds being awarded to small communities (population less than 10,000 as defined in the SDWA). During the same timeframe, 41.8% of all funds awarded went to small communities less than 10,000 population. In FY-2011, 41.8% of all available DWSIRLF funds were awarded to small communities with populations less than 10,000.

D. Priority System Deadlines

1. By October 1, 2011, a complete DWSIRLF facilities plan, prepared in accordance with the DWSIRLF loan program regulations, must be submitted to the MSDH.*
   A complete DWSIRLF facilities plan includes: all IGR agency comments; proof of publication of advertisement for public hearing; a transcript of the public hearing comments; copies of any comments received from the public; and a

summary of how each comment was addressed. The loan applicant should also submit one copy of the facilities plan to the Rural Utilities Service (RUS), if the loan applicant has existing debt with RUS, along with a request for their approval to incur this additional debt.

Any significant changes made to the facilities plan (i.e., changes in the chosen alternative location of the facility, cost increases that substantially affect the financial capability of the loan recipient) after this date will be considered a first submittal of the facilities plan. The loan applicant will then be considered to be in violation of the Priority System deadline and the project will be placed on the planning portion of the priority list. If the change is made after adoption of the IUP, funds reserved for this project may be released and made available to other projects. This deadline also applies to all projects competing for released funds during FY-2012 and to be able to qualify for the Previous Year Certified Projects Category in the FY-2012 IUP.

2. By May 1, 2012, a completed DWSIRLF loan application and all associated documents as described in the DWSIRLF regulations must be submitted to the Department. Prior to preparing these documents, the potential applicant and/or its registered engineer must request and receive a DWSIRLF application and guidance. *It* is recommended that they request a pre-application conference with DWSIRLF staff as early in the application process as practical. This deadline also applies to all projects competing for released funds during FY-2012 and to be able to qualify for the Previous Year Certified Projects Category in the FY-2012 IUP.

3. By August 1, 2012, all approvable documents and responses to comments necessary for loan award must be submitted to the Department for its review and approval. This deadline also applies to all projects competing for released funds during FY-2012 and to be able to qualify for the Previous Year Certified Projects Category in the FY-2012 IUP.

   * A**ll projects submitting a complete or draft facilities plan to date have been included on the fundable portion of the Priority List.**

VII. FY-2012 Priority List

FINAL

Fiscal Year – 2012 Program Priority List
Mississippi Drinking Water Systems Improvements Revolving Loan Fund

Category II: Previous Year Certified Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
West Jackson County Utility	Rehab Water System/Install New Meters	39566	4842	16000	$0	$0	$1,900,000	$1,900,000

Category III: Primary Drinking Water Standards Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Columbia, City of	Upgrade Distribution System	39429	2374	6600	$500,000	$0	$1,733,375	$3,633,375
Good Hope Water Association	Water and Distribution System Improvements	39421	813	2286	$500,000	$0	$2,029,865	$5,663,240
Central Yazoo Water Association	New Well/Upgrading Distribution Lines	39194	650	8000	$377,394	$0	$1,509,574	$7,172,814
Port Gibson, City of	Water System Improvements	39151	465	3230	$500,000	$0	$3,589,600	$10,762,414

Category IV: One Well Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Hiwannee Water Association	New Well	39367	645	6400	$221,375	$0	$632,500	$11,394,914

Category V: Pressure Deficiencies Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Greenwood Utilities	New NE .5 MG Elevated Tank	38930	4946	18500	$500,000	$0	$2,198,000	$13,592,914
Greenwood Utilities	New NW Well/.5 MG Storage Tank/Pumping Station	38930	4331	18500	$500,000	$0	$2,510,000	$16,102,914
Clayton Village Water Association,	New Generator/Upgrade Existing System	39759	4184	5000	$137,550	$0	$393,000	$16,495,914
Pontotoc, City of	New Tank/Replace Pump & Electri Panel on Wells	38863	1584	5700	$203,649	$0	$1,357,661	$17,853,575
Wiggins, City of	Upgrade Water Distribution System	39577	927	5038	$500,000	$0	$1,996,535	$19,850,110
Lampton Water Association	Replace Meters/95,000 LF of Water Mains/Ph.	39429	740	2400	$491,400	$0	$1,404,000	$21,254,110

Category VII: System Capacity Expansion to Serve Existing Unserved Residences/Businesses

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Mendenhall, City of	Installation of 8" PVC	39114	5740	2555	$33,225	$0	$221,500	$21,791,114
Nicholson Water & Sewer Assn.	Installation of Approx. 10,400 L.F. of Water Main	39463	82	3500	$270,450	$0	$1,803,000	$25,380,714

Category VIII: Back-up Water Supply Sources Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Greenwood Utilities	NW Installation of 12"Pipeline	38930	15755	18500	$241,500	$0	$690,000	$23,968,610
Greenwood Utilities	Well Relocation	38930	12079	18500	$315,000	$0	$900,000	$24,868,610
Winona, City of	New Water Well	38967	6515	5800	$140,875	$0	$402,500	$25,271,110
---------- Funding Line $28,335,960 ----------								
Greenwood Utilities	New 1 MG Elevated Storage Tank	38930	3440	18500	$500,000	$0	$3,160,000	$28,431,110
Conehoma Water Association	New 100,000 Gal Elevated Tank/2 Generators	39090	2473	2875	$243,500	$0	$974,000	$29,405,110
Madison, City Of	Construct a New 1000-2000 GPM Water Supply	39110	2008	13986	$0	$0	$2,321,250	$31,726,360
Madison, City of	Construction of New 1 Million Gallon Storage Tank	39110	1860	13986	$0	$0	$2,506,950	$34,233,310
Mendenhall, City of	New 500 GPM Well/250,000 Gal Elevated Tank	39114	1512	2555	$138,750	$0	$925,000	$35,158,310
Hazelhurst, City of	New Well & Raw Water Line	39083	1412	4400	$375,000	$0	$1,500,000	$36,658,310

Category IX: Existing Facilities Upgrade (Meeting Primary Standards)

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Grenada Grenada, City of	2 500 GPM Wells/500,000 Gallon Elevated Tank	38901	4391	22951	$500,000	$0	$2,202,700	$38,861,010
Brandon, City of	Raise Existing Elevated Tanks	39042	1864	24000	$0	$0	$1,800,000	$40,661,010
Tchula, City of	Water System Improvements	39169	967	2096	$453,600	$0	$1,008,000	$41,669,010
Little Creek Water Association	10,000 Gal Tank/Upgrade Existing Facilities	39456	953	500	$65,728	$0	$262,910	$41,931,920
Coldwater, Town of	New Well, Distribution Main	38618	624	1805	$0	$0	$1,127,690	$43,059,610
Webb, Town of	New Well/Rehab Existing Wells and Distrub. System	38966	150	587	$555,359	$0	$2,221,437	$45,281,047
Jackson, City of	Capitol Street Rehab/Replacement	39201	61	177977	$500,000	$0	$3,461,193	$48,742,240

Category XIII: Other

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Columbus Light and Water	Installation of Automatic Water Metering System	39703	10819	30000	$0	$0	$952,000	$49,694,240
NTS Utility Assoc.	Radio Read Meters	39307	4390	5700	$0	$0	$432,845	$50,127,085
NTS Utility Assoc.	Replacement Well	39307	2782	5700	$0	$0	$683,004	$50,810,089
Pontotoc, City of	Radio Read Meters	38863	2315	5700	$139,331	$928,872	$928,872	$51,738,961

* Funding Line indicates available funds based on the full FY-2012 Federal Capitalization Grant supplied by the EPA, required state match, and repayments equaling $28,335,960.

** Currently, the requirements of additional subsidization are unknown. Once the final federal appropriation with related requirements is made, additional

modifications will be made to the priority system and ranking to integrate the federal requirements as necessary.

Funding Sources

PF – Principal Forgiveness – Method of Subsidization the state has elected to use.
CPF – Cumulative Principal Forgiveness; CGI – Cumulative Green Infrastructure

Green Infrastructure Project Codes

E – Energy Efficiency, W – Water Efficiency, G – Green Infrastructure, EI – Environmentally Innovative
Green projects are projects that provide benefits in the form of increased energy efficiency, increased water efficiency, added green infrastructure, and/or are environmentally innovative. Projects currently listed as Green Infrastructure are based on information supplied in submitted facility plans. This determination of Green Infrastructure will be based on guidelines supplied by the Environmental Protection Agency. Additionally, projects with higher rankings maybe by-passed by lower ranked projects in order to meet and estimated goal of 20% goal for “Green Infrastructure” from both federal appropriations.

DRAFT

Fiscal Year - 2013 and After Planning List
Mississippi Drinking Water Systems Improvements Revolving Loan Fund

(Projects included on the Planning List did not meet the September 30, 2011, deadline for submission of a complete facilities plan, or had multiple requests and asked to be placed on the Planning List. These projects have been ranked on the Planning List based on information provided on the Request for Ranking Form. A determination of project eligibility cannot be completed until the facilities plan has been submitted and reviewed.)

Category III: Primary Drinking Water Standards Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Hilldale Water Association, Inc	Treatment Plant	39180	861	5400	$0		$2,091,000	$2,091,000

Category III: Primary Drinking Water Standards Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Wayside Water Association, Inc.	Installation of Treatment Facilities	38756	1439	2200	$152,500		$610,000	$2,701,000
Black Bayou Water Association, Inc.	Installation of Treatment Facilities	38756	683	5000	$213,500		$610,000	$3,311,000
Swiftwater Development	Installation of Treatment Facilities	38756	599	9000	$152,500		$610,000	$3,921,000
Bude, Town of	New Well/Water System Improvements	39630	400	1016	$500,000		$1,643,000	$5,564,000
Symonds Water Association	Various Improvements	38769	150	168	$180,180		$400,400	$5,964,400

Category IV: One Well Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Baldwyn, City of	100,000 GAL Tnk/Well/Generator/W. Main/1 acre	38824	2131	3325	$133,530	$0	$890,200	$6,854,600
Central Rankin Water Association	New Well and Appurtenances	39176	1380	3400	$0		$710,000	$7,564,600
Duffee Water Assoc.	Backup Well	39337	1370	2000	$82,409		$549,393	$8,113,993
North Hinds Water Association	Well, Elevated Tank, & Distribution Improvements	39071	1084	9000	$0		$1,845,000	$9,958,993
Broadmoor Utilities	Well and Generator	39120	979	1400	$149,112		$596,450	$10,555,443
Rose Hill Water Association	Well and Distribution	39356	870	1500	$273,000		$780,000	$11,335,443
Enterprise, Town of	New 1,000 GPM Well	39330	328	1002	$398,750		$1,595,000	$12,930,443
Double Ponds Water Association	Wells, Treatment Plant Rehab, Tank Rahab, Dist.	39474	300	3300	$500,000		$4,524,000	$17,454,443
Wautubbee Water Association	New Well	39330	213	545	$256,750		$1,027,000	$18,481,443
Monticello, Town of	Water System	39654	139	1800	$500,000	$0	$5,500,000	$23,981,443

Category V: Pressure Deficiencies Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Carthage, City of	Upgrade Booster Station's Controls	39051	103189	4637	$5,000		$20,000	$24,001,443
Carthage, City of	Upgrade and Replace Water Mains, Booster	39051	8255	4637	$67,500		$270,000	$24,271,443
Natchez, City of	New 500,000 Ga. Tank/Distribution Lines	39120	5979	18340	$418,950		$1,675,800	$25,947,243
Forest, City of	Rehab Existing Storage Tank	39074	2535	5968	$283,750		$1,135,000	$27,082,243
Aberdeen, City of	400 GPM Well/100,000 Gal. Elev.Tank/Rehab Lines	39730	2316	6415	$370,487		$1,481,949	$28,564,192
Forest, City of	New 900 GPM Well	39074	1799	5968	$400,000		$1,600,000	$30,164,192
Horn Lake, City of	New Well & Auto Read Meters/New Water Line	38637	1792	14545	$0	$0	$3,006,679	$33,170,871
Evergreen Water Association, Inc.	Upgrade Existing Facilities	39043	1650	3200	$0		$500,000	$33,670,871
Center Water Association	New Well and Tank/Upgrade Select Water Mains	39426	1199	8800	$0	$0	$1,835,000	$35,505,871
Ridgeland, City of	New 1,600 GPM Well/500,000 Gallon Tank	39158	491	24000	$0		$3,434,404	$38,940,275
Ridgeland, City of	Two 1,600 GPM Ser. Pumps/Rehab Current System	39158	348	24000	$0		$4,840,000	$43,780,275
Glendora, Village of	100,000 Gal Storage Tank Upgrade Current System	32928	154	500	$351,000		$780,000	$44,560,275
Sumrall, Town of	Installation of 12 inch Water Mains	39482	90	1148	$151,200		$1,008,000	$45,568,275

Category VI: Source Water Protection Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Abbeville Water Association	Water System Consolidation	38601	1653	1000	$50,000	$0	$200,000	$45,768,275

Category VII: System Capacity Expansion to Serve Existing Unserved Residences/Businesses

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Batesville, City of	Installation of Water lines	38606	31582	7600	$37,500		$125,000	$45,893,275
Batesville, City of	Installation of Water Lines	38606	26319	7600	$37,500		$150,000	$46,043,275
Batesville, City of	Rehab/Replacement of Existing Facilities	38606	14356	7600	$68,750		$275,000	$46,318,275
Batesville, City of	Rehab Existing Facilities	38606	11279	7600	$87,500		$350,000	$46,668,275
Batesville, City of	Rehab Existing Facilities	38606	9629	7600	$102,500		$410,000	$47,078,275
Gautier, City of	Well and Elevated Tank	39553	6631	18850	$0		$1,421,300	$48,499,575
Batesville, City of	500,000 Gallon Elevated Tank	38606	5264	7600	$187,500		$750,000	$49,249,575
Brookhaven, City of	Install Water Main/Rehab Existing Facilities	39602	1221	13300	$500,000		$3,925,130	$53,174,705
Enterprise, Town of	250,000 Elevated Storage Tank	39330	448	1002	$291,250		$1,165,000	$54,339,705
Macon, City of	New Well, Elevated Tank and Treatment Facility	39341	74	550	$500,000		$4,095,250	$58,434,955
Poplarville, City of	Replace Water Lines/Mains	39470	71	2600	$157,617		$1,050,785	$59,485,740

Category VIII: Back-up Water Supply Sources Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Batesville, City of	Rehab Existing Infrastructure	38606	7896	7600	$125,000		$500,000	$59,985,740
Batesville, City of	New 750 GPM Well	38606	7896	7600	$125,000		$500,000	$60,485,740
Clinton, City of	New Well & Distribution Lines	39060	4673	26000	$0		$1,818,909	$62,304,649
Ridgeland, City of	1,600 GPM Potable Water Well	39158	3663	24000	$0		$2,189,300	$64,493,949
Woodville, Town of	Upgrade Water Treatment Facility	39669	3647	3681	$227,070		$504,600	$64,998,549
Nanih Waiya Water Association	Installation of Drive by Meters	39339	3018	1350	$34,375	E,W $137,500	$137,500	$65,136,049
Magee's Creek W/A	Construct New 150,000 Gal. Tank/Treatment Plant	39667	2785	7992	$438,550	$0	$1,253,000	$66,389,049
Hilldale Water Association, Inc	300,000 Gal. Elevated Tank	39180	1520	5400	$0		$1,184,490	$67,573,539
Marion, Town of	New 800 GPM Well/New Generator	39342	1222	2000	$371,855		$826,345	$68,399,884
Richton, Town of	New 500 GPM Well	39476	1019	1038	$115,218		$768,125	$69,168,009
Ocean Springs, City of	Replacement of Water Lines	39564	876	17225	$0		$2,283,800	$71,451,809
Bay Springs, Town of	New 1,000 GPM Well/300,000 Gal. Tank	39422	717	2000	$340,010		$1,360,040	$72,811,849
Horn Lake, City of	New Well and Tank/Upgrade Existing Facilities	38637	485	1500	$0		$2,474,600	$75,286,449
Marion, Town of	600 GPM Tr. Facil/600 GPM Well/Generator	39342	367	2000	$500,000		$2,748,800	$78,035,249
Union Water Association	New Well and Pipe Installation	39151	346	770	$0		$635,000	$78,670,249

Category IX: Existing Facilities Upgrade (Meeting Primary Standards)

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Carthage, City of	Backup Generator	39051	20638	4637	$25,000		$100,000	$78,770,249
Carthage, City of	Install Generator/Upgrade Existing Facilities	39051	12140	4637	$42,500		$170,000	$78,940,249
Ridgeland, City of	Water Line Relocation	39158	10108	24000	$0		$793,400	$79,733,649
Collins, Town of	Water Line Replacement	39428	9961	4000	$48,664		$139,040	$79,872,689
Collins, Town of	Water Line Replacement	39428	8766	4000	$55,300		$158,000	$80,030,689
Collins, Town of	Water Line Replacement	39428	8766	4000	$55,300		$158,000	$80,188,689
West Point, City of	Upgrade SCADA/Chlorine Analyzer/Paint 5 Tanks	39773	7049	16500	$217,500		$870,000	$81,058,689
DeKalb, Town of	Rehabilitation of Elevated Tank	39328	4523	972	$63,000		$180,000	$81,238,689
Lumberton, City of	Replace/Upgrade Water Mains	39455	2440	2228	$276,975		$1,107,900	$82,346,589
Mount Olive, Town of	Replacement of Water Lines	39119	2348	1000	$80,962		$231,320	$82,577,909
Kokomo-Shiloh Water Association	New 400GPM Well/Rehab/Upgrade of Existing	39643	1202	2500	$306,250		$875,000	$83,452,909
Alcorn Co. Water Association	300,000 Gal Storage Tank/upgrade Facilities	38834	1187	6500	$190,965		$1,273,101	$84,726,010
Alcorn Co. Water Association	Renovate Elevated tanks/Replace Water Lines	38834	1155	6500	$130,938		$872,920	$85,598,930
Bolton, Town of	Rehab 60,000 GPM Tank/Existing Facilities	39041	1133	660	$0		$285,204	$85,884,134
Greenville, City of	Ugrade Existing Well	38701	802	49000	$500,000	$0	$2,850,000	$88,734,134

Prentiss-Alcorn Water Association	A New Well Treatment Facil./Renov Ex.Treat. Facil	38865	715	2500	$0		$1,259,550	$87,961,243
Prentiss-Alcorn Water Association	A New Well Treatment Facil./Renov Ex.Treat. Facil	38865	715	2500	$0		$1,259,550	$89,993,684
L.F. Water Association	New Well/Elevated Tank	39098	688	2150	$250,000		$1,000,000	$90,993,684
Edwards, Town of	Construction of Ozone Treatment Facility	39066	449	1980	$235,500		$1,570,000	$92,563,684
Pelahatchie, Town of	Rehab Existing Facilities	39145	159	1484	$0		$2,436,000	$94,999,684
Long Beach, City of	Upgrade Distribution System	39560	127	15000	$0	$0	$316,180	$95,315,864

Category XII: Other

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Meridian, City of	Sludge Removal System	39525	11692	45000	$189,000		$1,260,000	$96,575,864
Magee, City of	Install New Treatment Equipment	39111	4856	4500	$98,750		$395,000	$96,970,864
South Quitman County Utilities	New Well Construction	38921	461	394	$358,435	$0	$1,024,100	$97,994,964

**Currently, the requirements of additional subsidization are unknown. Once it has been determined by the final federal appropriation, additional modifications will be made to the priority system and ranking to integrate the federal requirements as necessary.

Funding Sources

PF – Principal Forgiveness – Method of Subsidization the state has elected to use.

DW – Drinking Water System Improvement Revolving Loan Fund – includes repayments, interest and FY-2012 Capitalization Grant.

Green Infrastructure Project Codes

E – Energy Efficiency, W – Water Efficiency, G – Green Infrastructure, EI – Environmentally Innovative

Green projects are projects that provide benefits in the form of increased energy efficiency, increased water efficiency, added green infrastructure, and/or are environmentally innovative. Projects currently listed as Green Infrastructure are based on information supplied in submitted facility plans. This determination of Green Infrastructure will be based on guidelines supplied by the Environmental Protection Agency. Additionally, projects with higher rankings maybe by-passed by lower ranked projects in order to meet the 20% goal for “Green Infrastructure”.

FY-2012 Detailed Project List with Additional Information

Project Schedule						Project Assistance				Technical Information			
Project Listing	No.	Population of Service Area	BCD*	CSD*	CCD*	Assist. Type	Assistance Amount	Interest Rate	Repay Period	Initial Repay Date	Project Category +#	Priority Ranking	Cross-Cutter Equivalency Project
West Jackson County Utility	FY-2012 -1	16000	5/30/2012	8/30/2012	8/28/2013	Loan	$1,900,000	1.95	20	11/28/2013	2	4842	Yes
Columbia, City of	FY-2012 -2	6600	9/1/2012	6/1/2012	11/28/2012	Loan	$1,732,875	1.95	20	2/28/2013	3	2374	Yes
Good Hope Water Association	FY-2012 -3	2286	9/1/2012	6/1/2012	11/28/2012	Loan	$2,029,865	1.95	20	2/28/2013	3	813	Yes
Central Yazoo Water Association	FY-2012 -4	8000	2/1/2012	3/1/2012	11/6/2012	Loan	$1,509,574	1.95	20	2/6/2013	3	650	Yes
Port Gibson, City of	FY-2012 -5	3230	8/1/2012	4/1/2013	3/27/2013	Loan	$3,589,600	1.95	20	6/27/2013	7	465	Yes
Hiwannee Water Association	FY-2012 -6	6400	6/1/2012	8/1/2012	4/8/2013	Loan	$632,500	1.95	20	7/8/2012	4	645	Yes
Greenwood Utilities	FY-2012 -7	18500	8/1/2012	11/1/2014	11/1/2015	Loan	$2,198,000	1.95	20	2/1/2016	5	4946	Yes
Greenwood Utilities	FY-2012 -8	18500	8/1/2012	11/1/2012	10/31/2013	Loan	$2,510,000	1.95	20	1/31/2013	5	4331	Yes
Clayton Village Water	FY-2012 -9	5000	9/30/2012	11/1/2012	4/30/2013	Loan	$393,000	1.95	20	7/30/2012	5	4184	Yes
Pontotoc, City of	FY-2012 -10	5700	6/1/2012	11/1/2012	10/31/2013	Loan	$1,357,661	1.95	20	1/31/2013	5	1584	Yes
Wiggins, City of	FY-2012 -11	5038	5/1/2012	7/1/2012	4/12/2013	Loan	$1,996,535	1.95	20	7/12/2012	5	927	Yes
Lampton Water Association	FY-2012 -12	2400	9/1/2012	6/1/2013	2/26/2014	Loan	$1,404,000	1.95	20	5/26/2013	5	740	Yes
Mendenhall, City of	FY-2012 -13	2555	8/31/2012	10/1/2012	3/30/2013	Loan	$221,500	1.95	20	6/30/2011	7	5740	Yes
Nicholson Water & Sewer Assn.	FY-2012 -14	3500	6/1/2012	9/1/2012	2/28/2013	Loan	$1,803,000	1.95	20	5/28/2011	7	82	Yes
Greenwood Utilities	FY-2012 -15	18500	8/1/2012	11/1/2012	4/29/2013	Loan	$690,000	1.95	20	7/29/2012	8	15755	Yes
Greenwood Utilities	FY-2012 -16	18500	8/1/2012	11/1/2012	3/1/2013	Loan	$900,000	1.95	20	6/1/2013	8	12079	Yes
Winona, City of	FY-2012 -17	5800	9/30/2012	10/30/2012	4/28/2013	Loan	$402,500	1.95	20	7/28/2012	8	6515	Yes
---------- Funding Line $28,335,960 ----------													
Greenwood Utilities	FY-2012 -19	18500	8/1/2012	11/1/2013	11/1/2014	Loan	$3,160,000	1.95	20	2/1/2015	8	3440	Yes
Conehoma Water Association	FY-2012 -25	2700	1/1/2012	7/1/2012	10/29/2012	Loan	$974,000	1.95	20	1/29/2012	8	829	Yes
Madison, City Of	FY-2012 -20	13986	9/30/2012	10/1/2012	3/29/2013	Loan	$2,321,250	1.95	20	6/29/2012	8	2008	Yes
Madison, City of	FY-2012 -21	13986	9/30/2012	10/1/2012	7/27/2013	Loan	$2,506,950	1.95	20	10/27/2012	8	1860	Yes
Mendenhall, City of	FY-2012 -23	2555	8/31/2012	10/1/2012	10/1/2013	Loan	$925,000	1.95	20	1/1/2012	8	1512	Yes
Hazelhurst, City of	FY-2012 -24	4400	6/1/2012	9/1/2012	9/1/2013	Loan	$1,500,000	1.95	20	12/1/2012	8	1412	Yes
Grenada, City of	FY-2012 -26	22951	4/30/2012	6/15/2012	2/10/2013	Loan	$2,202,700	1.95	20	5/10/2012	9	4391	Yes
Brandon, City of	FY-2012 -29	24000	1/15/2012	3/15/2012	9/11/2013	Loan	$1,800,000	1.95	20	12/11/2009	9	1864	Yes
Tchula, City of	FY-2012 -30	2096	7/1/2012	3/1/2013	11/26/2013	Loan	$1,008,000	1.95	20	2/26/2014	9	967	Yes
Little Creek Water Association	FY-2012- 31	500	4/1/2012	5/1/2012	7/30/2013	Loan	$262,910	1.95	20	10/30/2011	9	953	Yes
Coldwater, Town of	FY-2012- 32	1805	9/30/2012	11/1/2012	11/1/2013	Loan	$1,127,690	1.95	20	2/1/2013	9	624	Yes
Webb, Town of	FY-2012 -29	587	4/1/2012	7/1/2012	5/27/2013	Loan	$2,221,437	1.95	20	10/30/2013	9	150	Yes

Jackson, City of	FY-2012-	33	177977	8/20/2012	10/13/2012	1/26/2014	Loan	$3,461,193	1.95	20	4/26/2013	9	61	Yes
Columbus Light and Water	FY-2012-	34	30000	9/1/2012	10/1/2012	5/29/2013	Loan	$952,000	1.95	20	8/29/2012	12	10819	Yes
NTS Utility Assoc.	FY-2012-	35	5700	6/1/2012	8/1/2012	9/30/2012	Loan	$432,845	1.95	20	12/30/2011	13	4390	Yes
NTS Utility Assoc.	FY-2012-	36	5700	6/1/2012	8/1/2012	9/30/2012	Loan	$683,004	1.95	20	12/30/2011	13	2782	Yes
Pontotoc, City of	FY-2012-	34	5700	6/30/2011	7/31/2011	1/27/2012	Loan	$928,872	1.95	20	4/27/2012	13	2315	Yes
Small Sys. Tech Assist.	FY-2012-	35	N/A	10/1/2012	10/1/2012	9/30/2013	Grant	$172,438	0	20	N/A	14	N/A	N/A
Local Assist. & Other St. Program	FY-2012-	36	N/A	10/1/2012	10/1/2012	9/30/2013	Grant	$500,000	0	20	N/A	14	N/A	N/A
State Program Mgmt	FY-2012-	37	N/A	10/1/2012	10/1/2012	9/30/2013	Grant	$934,100	0	20	N/A	14	N/A	N/A
Administrative	FY-2012-	38	N/A	10/1/2012	10/1/2012	9/30/2013	Grant	$322,100	0	20	N/A	14	N/A	N/A
						Grand Total		$53,667,599						

- All of the above loan projects will require an environmental review in accordance with the State DWSIRLF regulation.
+ Project categories are defined in the Priority System on page 12 of this IUP. Category 14 is just for set-aside purposes and is not considered a –project category
* BCD = Binding Commitment Date CSD = Construction Start Date CCD = Construction Completion Date
** Funding Line 1 indicates available funds based on receiving the full amount of FY-2012 capitalization grant ($9,341,000).

VIII. Expected Public Health Outcomes & Performance Measures

The objective of this program is to disperse all available loan and grant funds in a timely manner in order to achieve the public health protection benefits resulting from the projects identified in the FY-2012 IUP, and to ensure compliance with loan agreements, as required by state and federal laws and regulations.

By implementing this FY-2012 IUP and funding projects shown on the FY-2012 Priority List (Section IV), the Board will have the means to plan for and fund projects that will address the most serious public health risks facing the public water supply systems in the state. Funding of the system projects will be determined by the amount of funding to be received for FY-2012. If the full capitalization grant occurs, the public health protection outcomes resulting from the funding of these projects on the priority list will be: 1) one system will continue with segmented projects necessary for their previously approved treatment plants and well projects to operate; 2) five systems will become compliant with primary drinking water standards; 3) two water systems will receive an additional water source; 4) five systems will make improvements to improve pressures; 5) three systems are seeking funding to construct distribution to serve previously un-served areas; 6) nine systems are seeking funding to provide back-up water supply; 7) eight systems are seeking funding to upgrade or rehabilitate existing facilities; 8) three project are attempting to seek funding for other eligible projects. The success of the DWSIRLF Loan Program will be defined by the ability of the MSDH to successfully meet commitments in the FY-2012 DWSRF Work Plan.

Additionally, the majority of the projects as proposed should have minimal impact on the environment due to the nature of their design. Twelve new wells are proposed which will increase the state's use of groundwater by a minimal amount. Three of the proposed projects will include the construction or rehabilitation of a treatment facility. Twenty-five of the proposed projects will provide improvements to existing distribution and storage of the water systems. Appropriate environmental reviews will occur and proper permitting through the Mississippi Department of Environmental Quality will be required to ensure minimal impact on the environment.

Appendices

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A. FY-2012 Assumed Available Funds Mississippi DWSRF Program

The following breakdown of funds is based on an estimated appropriation of $917,892,000 after applying the required national rescissions of 2.2% and a State Allotment formula of 1.04% for the Drinking Water SRF in Federal FY-2011.

FY-2012 National Title I DWSRF Appropriation		$	**917,892,000**
*Estimated Mississippi Allotment [section 1452(m)]		$	**9,341,000**
FY-2012 State Match Required (20% of Mississippi Allotment) [1]		$	1,868,200
Total			11,209,200
**FY-2011 Match Funds Available to Match a Portion of FY-2012 Cap Grant	+	$	655,211
FY-2012 Federal Funds Captured based on Available Match	+	$	3,276,055
FY-2012 Legislative Match Funds Anticipated to Match Remaining FY-2012	+	$	1,212,690
FY-2012 Federal Funds Captured based on Receipt of Anticipated Match	+	$	6,063,450
Total FY-2011 Federal and State Funds Available		$	11,207,406
Set-Asides from FY-2012 Appropriation			
***DWSRF Administrative Expenses [section 1452(g)(2) - 4%](taking 0%)	+	$	322,100
State Program Management [section 1452(g)(2)]	+	$	934,100
Small Systems Technical Assistance [section 1452(g)(2) - 2%]	+	$	186,820
Local Assistance and Other State Programs [section 1452(g)(2) - 15%]	+	$	500,000
Total FY-2012 Set-Asides		$	1,943,020
Total FY-2012 Federal & State Funds Anticipated to be Available for Obligation		$	11,207,406
Less FY-2012 Set-Asides	-	$	(1,943,020)
Total FY-12 Federal and State Funds Available for Loan Obligation			**9,264,386**
FY-2012 DWSRF Funds Projections			
Total FY-12Federal & State Funds Available for Loan Obligation	+	$	**9,264,386**
Unobligated Funds Carried Over from FY-2011 [2]	+	$	10,224,270
Anticipated Loan Repayments * 10/01/2011 - 08/31/12	+	$	9,257,352
Anticipated Interest on Fund * 10/01/20101- 08/31/12	+	$	589,952
Remaining FY-12 Loan Increase Reserve ($1.0M) [3]	-	$	(1,000,000)
Total FY-12 Funds Available for New Loan Awards			**28,335,960**
Funds Needed for Projects on the FY-12 Priority List	-	$	(52,523,100)
Remaining Funds Available Projects on FY-2012 Priority List			**(24,187,140)**

* This estimated number will be corrected once information is received from EPA. Mississippi will apply for the entire Cap Grant.
** The remaining FY-2012 State Match amount will be requested during the FY-2012 Legislative session
*** The Drinking Water Administrative Setaside is 4% of the yearly Cap Grant. Mississippi has chosen to take no money from the FY-2012 Cap Grant but will be taking the previously reserved FY-2003 administrative set-aside.

1. See Section IV.A.ii. – State Match Funds shown on page 6 of this IUP. If anticipated funds are not received as needed, additional funding lines will be drawn. As noted in Section VII, Funding Lines 1 & 2 will be in effect, if no additional match is provided, thus limiting funding toward project(s) meeting planning deadlines.

2. See page 33.

3. See page 7.

FY-2011
End of Year Funds Report
Mississippi DWSIRLF Program
October 1, 2011

The following breakdown of funds is based on an estimated actual appropriation of $963 million after applying 2.13% setasides and a State Allotment formula of 1.04%

FY-2011 National Title I DWSRF Appropriation		$	**963,070,000**
Mississippi Allotment [section 1452(m)]*		$	**9,802,000**
FY-10 State Match Required (20% of Mississippi Allotment)		$	1,960,400
Total Federal Allotment and Required State Match		$	11,762,400
**FY-2011 Receipt of Remaining Portion of FY-2010 State Match		+ $	69,152
FY-2010 Federal Funds Captured based on Anticipated Available Match		+ $	345,760
FY-2011 Receipt of FY-2011 State Match		+ $	1,960,400
FY-2011 Federal Funds Captured based on Anticipated Available Match		+ $	9,802,000
***Match to capture MS Operator Certification Grant Transfer to DWSIRLF		+ $	9,167
MS Operator Certification Grant Transfer to DWSIRLF		+ $	1,833
		$	**12,188,312**
FY-2011 Set-Asides			
****DWSRF Administrative Expenses [section 1452(g)(2) - 4%] (only 2%)		+ $	-
Small Systems Technical Assistance [section 1452(g)(2) - 2%]		+ $	196,040
State Program Management [section 1452(g)(2) - 10%]		+ $	980,200
Local Assistance and Other State Program [section 1452(g)(2) - 5.2% of 15%]		+ $	500,000
Total Set-Asides		$	**1,676,240**
Total FY-11 Federal and State Funds Available for Loan Obligation		$	**12,188,312**
FY-2011 Set-Asides		- $	1,676,240
Total FY-11 Federal and State Funds Available for Loan Obligation			**10,512,072**
FY-11 DWSRF Funds Projections			
Total FY-2011 Federal and State Funds Available for Loan Obligation		+ $	**10,512,072**
*****Unobligated Funds Carried Over from FY-2010		+ $	8,161,591
Loan Repayments Deposited	10/1/10 - 9/30/11	+ $	10,098,929
Interest on Fund Deposited	10/1/10 - 9/30/11	+ $	643,584
Loan Decreases	10/1/10 - 9/30/11	+ $	192,338
Loan Increases	10/1/10 - 9/30/11	- $	(1,975,571)
Remaining FY-2011 Loan Increase Reserve (originally $1.0m)		+ $	1,000,000
Total FY-2011 Funds Available for Loan Awards		$	**28,632,943**
FY-2011 Loan Awards Made		- $	**(22,160,300)**
Balance of FY-2011 Funds Remaining			6,472,643
Funds Needed for Remaining Projects Funded on the FY-2011 Priority List		- $	(26,680,699)
Excess Funds Available for New Projects in FY-2011			**-20,208,056**

*Mississippi applied for the entire capitalization grant during FY-2011.
**The remaining FY-2010 State Match amount was passed during the Spring, 2011 legislative session. Bond sale/deposit is expected to be Fall, 2011. Total amount approved by the FY-2011 legislature - $2,700,000. Total less insurance/discount costs will match remainder of FY-2010 Grant, all or FY-2011 Grant and the $9,166.85 ERG Grant Funds transferred to the DWSRF.

*** Water Supply's ERG Grant ended with a balance remaining. EPA allowed those remaining funds to be transferred to the DWSRF. These funds must be matched by the state at the same rate as regular DWSRF Cap Grants.
****The Drinking Water Administrative Setaside is 4% of the yearly Cap Grant. Mississippi has chosen to not take this setaside from the FY-2011 Cap Grant.
*****The Unobligated funds carried over from FY-2010 now includes the declined loan amounts for Culkin Water District - $3,578,035, City of Flowood - $2,035,500, and Nicholson W/S - $1,825,828

B. Projected Schedule of Outlays

I. Projected Schedule for Projects

Projects	2Q FY-12	3Q FY-12	4Q FY-12	1Q FY-13	2Q FY-13	3Q FY-13	4Q FY-13	1Q FY-14	2Q FY-14	3Q FY-14	4Q FY-14	1Q FY-15	Totals
West Jackson County	$0	$0	$16,336	$476,773	$460,437	$460,437	$460,437	$25,580	$0	$0	$0	$0	$1,900,000
Columbia, City of	$53,063	$324,188	$813,375	$542,749	$0	$0	$0	$0	$0	$0	$0	$0	$1,733,375
Good Hope Water	$57,250	$0	$1,011,933	$954,682	$0	$0	$0	$0	$0	$0	$0	$0	$2,023,865
Central Yazoo Water	$608,139	$507,057	$394,378	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,509,574
Port Gibson, City of	$0	$184,800	$989,800	$805,000	$805,000	$805,000	$0	$0	$0	$0	$0	$0	$3,589,600
Hiwannee Water	$0	$24,750	$164,670	$209,880	$209,880	$23,320	$0	$0	$0	$0	$0	$0	$632,500
Greenwood Utilities	$0	$0	$117,500	$440,185	$484,027	$484,027	$484,027	$188,234	$0	$0	$0	$0	$2,198,000
Greenwood Utilities	$0	$0	$150,000	$694,932	$544,932	$544,932	$544,932	$30,272	$0	$0	$0	$0	$2,510,000
Clayton Village Water	$0	$0	$14,000	$135,667	$182,500	$60,833	$0	$0	$0	$0	$0	$0	$393,000
Pontotoc, City of	$0	$0	$41,766	$466,746	$637,065	$212,084	$0	$0	$0	$0	$0	$0	$1,357,661
Wiggins, City of	$0	$61,876	$651,213	$589,337	$589,337	$104,772	$0	$0	$0	$0	$0	$0	$1,996,535
Lampton Water	$0	$78,875	$494,292	$415,417	$415,416	$0	$0	$0	$0	$0	$0	$0	$1,404,000
Mendenhall, City of	$0	$0	$9,500	$110,750	$101,250	$0	$0	$0	$0	$0	$0	$0	$221,500
Nicholson Water &	$0	$54,000	$901,500	$847,500	$0	$0	$0	$0	$0	$0	$0	$0	$1,803,000
Greenwood Utilities	$0	$0	$40,000	$345,000	$305,000	$0	$0	$0	$0	$0	$0	$0	$690,000
Greenwood Utilities	$0	$0	$30,000	$660,000	$210,000	$0	$0	$0	$0	$0	$0	$0	$900,000
Winona, City of	$0	$0	$13,050	$238,890	$150,560	$0	$0	$0	$0	$0	$0	$0	$402,500
---------- Funding Line $28,335,960 ----------													
Greenwood Utilities	$0	$0	$125,000	$603,356	$717,534	$717,534	$717,534	$279,042	$0	$0	$0	$0	$3,160,000
Conehoma Water	$19,098	$0	$720,951	$233,951	$0	$0	$0	$0	$0	$0	$0	$0	$974,000
Madison, City Of	$0	$72,188	$0	$1,160,625	$1,088,437	$0	$0	$0	$0	$0	$0	$0	$2,321,250
Madison, City of	$0	$77,963	$0	$783,270	$705,308	$705,308	$235,101	$0	$0	$0	$0	$0	$2,506,950
Mendenhall, City of	$0	$0	$101,096	$243,288	$213,288	$213,288	$154,040	$0	$0	$0	$0	$0	$925,000
Hazelhurst, City of	$0	$48,825	$164,087	$345,785	$345,785	$345,785	$249,733	$0	$0	$0	$0	$0	$1,500,000
Grenada, City of	$0	$67,000	$842,763	$775,763	$517,174	$0	$0	$0	$0	$0	$0	$0	$2,202,700
Brandon, City of	$75,000	$862,500	$862,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,800,000
Tchula, City of	$0	$0	$35,200	$347,733	$312,533	$312,534	$0	$0	$0	$0	$0	$0	$1,008,000
Little Creek Water	$0	$180,302	$82,608	$0	$0	$0	$0	$0	$0	$0	$0	$0	$262,910
Coldwater, Town of	$0	$0	$38,976	$297,815	$258,840	$258,840	$258,840	$14,379	$0	$0	$0	$0	$1,127,690
Webb, Town of	$0	$69,772	$637,561	$567,789	$567,789	$378,526	$0	$0	$0	$0	$0	$0	$2,221,437
Jackson, City of	$0	$0	$148,810	$754,601	$605,791	$605,791	$605,791	$605,791	$134,618	$0	$0	$0	$3,461,193
Columbus Light and	$0	$0	$30,250	$364,563	$334,313	$222,874	$0	$0	$0	$0	$0	$0	$952,000
NTS Utility Assoc.	$0	$15,838	$417,007	$0	$0	$0	$0	$0	$0	$0	$0	$0	$432,845

NTS Utility Assoc.	$0	$22,820	$660,184	$0	$0	$0	$0	$0	$0	$0	$0	$0	$683,004
Pontotoc, City of	$0	$53,947	$851,644	$797,697	$0	$0	$0	$0	$0	$0	$0	$0	$1,703,288
Total FY-12 Projects	$812,550	$2,706,701	$11,571,950	$15,209,744	$10,762,196	$6,455,885	$3,710,435	$1,143,298	$134,618	$0	$0	$0	$52,507,377
FY-13 Projects	$812,550	$2,706,701	$11,571,950	$15,209,744	$10,762,196	$6,455,885	$3,710,435	$1,143,298	$134,618	$0	$0	$0	$52,507,377
Total All Projects	$812,550	$2,706,701	$11,571,950	$15,209,744	$10,762,196	$6,455,885	$3,710,435	$1,143,298	$134,618	$0	$0	$0	$52,507,377
Federal FY-2012 Cap.	$0	$0	$7,720,080	$0	$0	$0	$0	$0	$0	$0	$0	$0	$7,720,080
State Match FY-2012	$0	$0	$1,868,200	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,868,200
Other Funding ♠	$812,550	$2,706,701	$1,983,670	$13,244,759	$0	$0	$0	$0	$0	$0	$0	$0	$18,747,680
Total Funding ♦	$812,550	$2,706,701	$11,571,950	$13,244,759	$0	$0	$0	$0	$0	$0	$0	$0	$28,335,960

♠ Other Funds include DWSIRLF Bond proceeds, DWSIRLF Loan Repayments, and money recovered from loan amendments.

* Funding Line indicates available funds based on the full FY-12 Federal Appropriation supplied by the EPA, equaling $9,341,000.

♦ Total Funding accounts for the total available funds towards the maximum number of projects.

II. Projected Schedule of Outlays for Set-asides
Standard Capitalization Grant

Federal	3Q FY-12	4Q FY-12	1Q FY-13	2Q FY-13	3Q FY-13	4Q FY-13	1Q FY-14	2Q FY-14	Totals
Small Sys. Tech Assist.	$0	$0	$43,109	$43,110	$43,109	$43,110	$0	$0	$172,438
State Program Mgmt	$0	$0	$233,525	$233,525	$233,525	$233,525	$0	$0	$934,100
Local Asst. & Other St. Programs	$0	$0	$125,000	$125,000	$125,000	$125,000	$0	$0	$500,000
Administrative	$0	$0	$80,525	$80,525	$80,525	$80,525	$0	$0	$322,100
Total Set-Asides	$0	$0	$482,159	$482,160	$482,159	$482,160	$0	$	$1,928,638

C. Projected Payment (Federal Letter of Credit) Schedule
(Schedule of Increases to ACH Ceiling)

Payment (LOC) Number	Payment (LOC) Date	Payment (LOC) Amount	Cumulative (LOC) Amount
FY-2012 No. 1 of 2	4th Quarter FY-2012	$ 9,000,000	$ 9,000,000
FY-2012 No. 2 of 2	1st Quarter FY-2013	$ 341,000	$ 9,341,000

D. Projected Schedule of Drawdowns Against Federal Letter of Credit (ACH Draw Schedule)

Outlay Quarter	Federal Outlay Amount	Cumulative Outlay Amount
4Q FY-2012	$ 9,000,000	$ 9,000,000
1Q FY-2013	$ 341,000	$ 9,341,000

E. Mississippi Small Systems Technical Assistance Set-Aside Workplan

INTRODUCTION

The Mississippi State Department of Health (MSDH), Bureau of Public Water Supply (Department), proposes to use the Small Systems Technical Assistance Set-aside of the DWSRF in an assistance and training program directed at improving the technical, managerial, and financial capabilities of small community public water systems in the state. The goal of this program is to assure that assistance is provided to all small community public water systems that require such assistance to maintain adequate technical, financial, and managerial capabilities necessary to comply with requirements of the SDWA.

SELECTION PROCESS

A request for proposals (RFP) was published in the legal section of *The Clarion-Ledger* on April 1, 2010, with a submittal deadline of 5:00 p.m. on April 21, 2010. Those responding to the RFP were mailed an information packet the day the request was received. The proposals received from the potential contractors were evaluated by the Department and then presented to the Board at the regularly scheduled meeting. All current technical assistance contracts were set to expire June 30, 2012. The current structure of program activities will continue in a similar fashion when new contracts begin July 1, 2010. All contracts are set to begin for a two-year period with an optional third year to be exercised at the Board's discretion July 1, 2012. The contracts for technical assistance have been awarded to the following: Board Management Training Monitoring and Coordination for Water System Officials is conducted by Mississippi State University Extension Service; PEER Review Program for Public Water Supplies is also being conducted by the Mississippi State University Extension Service; Small Systems Technical Assistance (long-term and intermediate technical assistance) Contract is being conducted by the Community Resources Group; The Mississippi Rural Water Association is conducting the specialized Hands-On Operator Training.

PROGRAM ACTIVITIES

The technical assistance program consists of four major categories (see below) of activities that will be accomplished through contracts with qualified organizations that are experienced in providing the type of support required by each activity. These categories may be updated and/or revised as a result of work plan reviews that will be conducted annually during the life of the program. Amendments will be submitted whenever activities or budgets change and when required to extend the term of the work plan.

1. **Long-term technical assistance** - This assistance is comprehensive in nature and is provided to an equivalent of twenty (20) small public water systems annually. At a minimum, the contractor will provide comprehensive assistance to at least ten (10) public water systems per contract year. At the beginning of each contract year, the MSDH – Bureau of Public Water Supply will provide to the contractor a list of systems that are to receive this assistance. Within 30 days of the start date for that contract year, the contractor will identify, with the help of MSDH, which ten (10) systems are to receive comprehensive technical assistance,

complete an initial assessment of the needs of each of the ten (10) systems, and develop a work plan for each water system. The contractor shall submit the assessment and work plan for each system to MSDH for approval prior to initiating technical assistance. MSDH shall use its latest report of Capacity Ratings of Public Water Systems, along with the recommendations of MSDH staff and the contractor, to identify those public water systems that are to receive this assistance.

Activity Objective - provide long-term on-site comprehensive technical assistance to resolve problems identified by contractor. Ten (10) systems will be chosen from a prepared list.

Reporting/Evaluation - written progress reports using a format approved by MSDH will be furnished monthly to MSDH and members of the Board by the contractor. The reports shall identify progress made on the work plan developed for each system. The contractor shall meet with the Board on a quarterly basis to update the Board on accomplishments under this contract and answer any questions the Board might have regarding the implementation of this contract.

2. **Intermediate technical assistance -** This assistance is selective in nature and consists of one or more additional contact or non-contact hours for public water systems previously receiving short-term assistance or systems not requiring comprehensive long-term assistance. Selection of systems will be based on the list supplied by MSDH for the remaining public water systems from the initially prepared list. Intermediate technical assistance projects will be counted toward the minimum twenty (20) required comprehensive projects at a ratio of 2:1 (two intermediate projects will be the equivalent of one comprehensive project).

Activity Objective - provide intermediate on-site technical assistance to selected systems covering the subject(s) determined by the contractor to be most needed.

Reporting/Evaluation - written progress reports using a format approved by MSDH will be furnished monthly to MSDH and members of the Board by the contractor. The reports shall identify the assistance provided to each system. The contractor shall meet with the Board on a quarterly basis to update the Board on accomplishments under this contract and answer any questions the Board might have regarding the implementation of this contract.

3. **Hands-On Operator Training** - The Contractor will provide practical, applied, "hands-on" training for public water system operators in the State of Mississippi. MSDH defines hands-on operator training for the purposes of this contract as training that provides functional instruction in the necessary skills and knowledge to be able to better fulfill the job requirements of a drinking water system operator. The hands-on training will include a comprehensive approach (lecture plus physical, hands-on sessions with equipment) for all operators attending the training. Trainings are to include equipment/props pertinent to the training topic(s) as a part of the training discussion.

Activity Objectives - Provide a minimum of twenty (20) hands-on operator training sessions within the year.

Reporting/Evaluation - written quarterly reports using a format approved by MSDH on Hands-On Operator Training. The reports shall include but are not limited to: a) details of sessions conducted; b) number of attendees and their comments; c) related problems that occurred during or as a result of a training session and any solution(s); d) an itemized list of the costs incurred by the training organization; and e) other related items. The contractor shall meet with the Board on a quarterly basis to update the Board on accomplishments under this contract and answer any questions the Board might have regarding the implementation of this contract.

4. **Coordination and Monitoring of Board Management Training for Water System Officials** - Section 41-26-101 of the Mississippi Code of 1972, Annotated, states "Each member elected or reelected after June 30, 1998, to serve on a governing board of any community public water system, except systems operated by municipalities with a population greater than ten thousand (10,000), shall attend a minimum of eight (8) hours of management training within two (2) years following the election of that board member. If a board member has undergone training and is reelected to the board, that board member shall not be required to attend training. The management training shall be organized by the MSDH. The management training shall include information on water system management and financing, rate setting and structures, operations and maintenance, applicable laws and regulations, ethics, the duties and responsibilities of the association and other organizations. The Department shall develop and provide all training materials. To avoid board members having to interfere with their jobs or employment, management training sessions may be divided into segments and, to the greatest extent possible, shall be scheduled for evening sessions. The Department shall conduct management training on a regional basis." The contractor shall: serve as the coordinator for MSDH in regards to all activities related to the implementation of the training program in the state; randomly attend training sessions to ensure the established curriculum is being followed and that the curriculum is relevant and effective; manage the Board Member Training Curriculum Review Committee; continue to update the established computerized database to accurately track the most current status of each board member attending the program; and other related duties.

Activity Objective - manage those activities related to the effective training of the members of the governing boards of small community public water systems.

Reporting/Evaluation - Randomly attend at least two sessions/contract year/training organization unannounced and furnish both MSDH and the Board members a written report within 7 days of attendance including the following information: review of presentation by trainer(s); any needed remedial action; attendee comments; attendance roster; and other related items. Written and oral quarterly reports shall be furnished to MSDH and the Board members that include: attendee evaluation of the trainers and training material; contractor evaluation of trainer(s); attendee comments; attendance rosters; needed remedial action; curriculum review committee meetings; itemized costs of training organization(s). Monthly reports containing the above information shall be submitted to MSDH along with the invoices for work performed under the contract. MSDH, affected board members, and affected entities shall be provided with periodic reports listing those board members who have not completed the board member training and the time remaining for completion of the training.

5. **Peer review assistance** - Through the use of trained volunteers, this assistance will be conducted on-site with the systems either selected from a list provided to the contractor by MSDH or with prior MSDH approval. A cooperative agreement between the contractor and the Mississippi Water and Pollution Control Operators' Association will help provide qualified volunteers to serve as peer review team members. There will be a goal of 20 peer reviews per contract year with a minimum of three (3) peer reviews per quarter. Each volunteer shall be paid $75 per day for each actual peer review in which the volunteer participates. The contractor will maintain a directory of trained volunteers.

Activity Objectives - provide short-term (less 8 contact hours) on-site technical assistance to selected systems covering the subject(s) determined by the contractor to be most needed.

Reporting/Evaluation - copies of all completed peer review reports will be provided to both MSDH and the Board within 30 days of completion of each peer review. Written progress reports using a format approved by MSDH will be furnished monthly to MSDH and members of the Board by the contractor. The name of the system undergoing the peer review shall be removed and be identified by a code only known to the contractor. The report shall include: an assessment of which type of capacity was the worst at the time of the visit; a listing of all suggested remedial action; officials present shall be listed by title; an evaluation form (previously approved by MSDH) rating the assistance provided that was completed by the system; any conditions currently or potentially endangering public health; and any other related items. The contractor shall meet with the Board on a quarterly basis to update the Board on accomplishments under this contract and answer any questions the Board might have regarding the implementation of this contract.

AGENCY RESPONSIBILITIES

The MSDH will conduct Small Systems Technical Assistance Set-aside activities through Board approved contracts with providers who will be selected following procedures of the State of Mississippi Personal Services Contract Procurement Regulations. Contracts of a regulatory

nature will be handled solely by MSDH. All providers will report to and be responsible to the MSDH for all contract activities. No additional FTE requirement is anticipated for state agencies to implement the provisions of this set-aside.

F. Mississippi State Program Management Set-aside Annual Workplan
Section 1452(g)(2)
Safe Drinking Water Act Amendments of 1996

PUBLIC WATER SYSTEM MANAGEMENT PROGRAM

BACKGROUND

On April 20, 2012, a legal notice was published to request public comments on the Draft FY-2012 Intended Use Plan (IUP) Amendment #1 that will set-aside $934,100 of the state's FY-2012 Drinking Water State Revolving Fund (DWSRF) capitalization grant for State Program Management activities to support the MSDH FY-2013 Public Water Systems Supervision Program (FY-2013 PWSS Program) as allowed under Section 1452(g)(2) of the SDWA Amendments of 1996. After a public comment period, a public hearing will be held on May 18, 2012, to receive and consider comments from the public on the draft IUP. After resolution of any comments from the public, the final FY-2012 IUP will be presented to the Board for adoption during the next scheduled Board meeting. The Final IUP will be effective thirty days from the date of the Board's adoption.

This work plan describes how FY-2012 DWSRF State Program Management set-aside funds will be expended to support the FY-2013 PWSS Program which will operate from October 1, 2012 to September 30, 2013.

FUNDING AMOUNT (Standard Capitalization Grant)

The state reserves $934,100 ~~$862,190~~ of its FY-2012 DWSRF capitalization grant to be set-aside for State Program Management activities to support the FY-2013 PWSS Program. The reserved amount represents 10% of the state's expected FY-2012 capitalization grant and is specified for expenditure during FY-2013.

Cost Breakdown	
Administrative/Staffing	$562,965
Fringe Benefits	$179,023
Contractual	$ 71,910
Indirect Costs	$120,202
Total Funding Amount	$934,100

NUMBER OF FTE's PROJECTED FOR IMPLEMENTING THIS SET-ASIDE

The state projects forty-four (44) FTEs will be required to implement the FY-2012/13 PWSS Program. A total of 14.0 FTEs will be funded by this set-aside. An estimated $741,988 will be reserved from the FY-2012 DWSRF Capitalization Grant for salaries and fringe benefits for State Program Management activities.

This amount will fund salary and fringe benefits for the following positions:

Position	Quantity (FTE)
Special Projects Officer IV	1.0
Business Systems Analyst II	1.0
Environmental Administrator	1.0
Bureau Director I	1.0
Chemist I	1.0
Chemist II	2.0
Chemist III	7.0
Total FTEs	**14.0**

The remaining $192,112 will be used for indirect costs, supplies, and possible contractual services for technical assistance needed to accomplish the requirements of the FY-2013 PWSS Program.

GOALS, OBJECTIVES, OUTPUT, AND DELIVERABLES

One of the set-asides authorized under the 1996 SDWA amendments is the management of the state program, which can be funded by up to 10% of the federal allotment. These funds will support public water system supervision program activities as required to maintain state primacy and also to support the activities of the DWSIRLF. MSDH's FY-2013 PWSS Work Plan outlines in detail the aspects of the PWSS that are supported by this set-aside. Items covered by the set-aside include: (1) State Primacy Requirements, (2) Non-Primacy Requirements, and (3) Auxiliary Services.

Primacy Requirements

As required to maintain state primacy, MSDH maintains the PWSS programs on an ongoing or as-needed basis. These programs include: revising current primacy programs by adopting new Federal regulations as needed; coordinating for Mid-Year and End-of-Year review with EPA Regional Office; maintaining a sanitary survey program with discrepancy follow-up; participating in state data verification audits; ensuring public water systems (PWSs) are utilizing approved laboratories and a certification program for those laboratories is in place; participating in the EPA Regional oversight; operating in accordance with requirements of the National Primary Drinking Water Regulations; maintaining an active water system design and construction plan and specification review program; ensuring labs used by PWSs within the state are capable of the workload created by regulations; participating in PWS and PWSS training on rule requirements; informing EPA Region 4 of any special state initiatives under the rules or provisions of the SDWA; maintaining records for all rule/policies, enforcing reporting and record keeping as required; maintaining appropriate administrative penalty authority; implementing the PWS definition; attending state/EPA planning and implementation meetings; ensuring that newly permitted PWSs have design/construction capable of compliance with the present and upcoming SDWA regulations; ensuring analytical methods are being applied to demonstrate compliance with the regulations; notifying (if necessary) EPA of intent not to adopt

or implement any portion of the rules; and responding to EPA requests for information or verification of state rules implementation.

Additionally, MSDH will provide annual summaries of the status of: each effective variance and exemption to EPA; community PWSs that are allowed to monitor less frequently than monthly; and non-community PWSs that are allowed to monitor less frequently than quarterly to EPA. MSDH will also oversee and enforce requirements for rules and regulations adopted with approved federal primacy. These regulations include the SDWA and all applicable rules present and future, primacy packages, and extension agreements of the SDWA.

Non-primacy Requirements

In addition to the requirements of the PWSS program, monies from this set-aside provide support to activities that are of a non-primacy nature. Those activities are not required to maintain state primacy. However, to run a highly effective, efficient program and most importantly protect the public health, these activities are vital.

Capacity Development (CD) Program

As required by the SDWA, each state is required to develop and implement a Public Water System Capacity Development Program in order to receive full funding annually under the DWSRF Program. Public water system capacity assessment is a full evaluation of the PWS's technical, managerial, and financial ability to provide safe drinking water to its customers by complying with all state and Federal regulations. In accordance with the Federal requirements, MSDH has developed and implemented a CD program for both new and existing PWSs. The MSDH CD program takes the form of a rating that each community water system (CWS) and non-transient non-community water system (NTNCWS) receives at their annual sanitary survey. The criteria used in the rating system incorporate laws, regulations, and other valuable information to evaluate the areas of technical, managerial, and financial capacity. The program is also designed to evolve from year-to-year through an annual meeting of an advisory committee that will make suggestions as to possible changes and/or additions to the rating criteria. As required by regulation, an annual report is made to the Governor on the efficacy of the strategy and progress towards improving the capacity of PWSs in the state. Additionally, annual documentation of ongoing implementation of the CD strategy is to be provided with DWSRF Capitalization Grant application.

Unregulated Contaminant Monitoring Rule

This particular aspect of the PWSS involves informing systems with populations greater than 10,000 in the state monitoring plan of their responsibilities to monitor for Unregulated Contaminant Monitoring Rule; assisting the EPA in sampling systems in the state monitoring plan as determined by the state and EPA in the UCMR Partnership Agreement; adding vulnerable systems to the plan for monitoring UCMR List 3 contaminants based on guidance; review UCMR data from public water systems to ensure that it meets quality assurance and PWS reporting requirements necessary;

informing EPA of potential changes needed in the data and, with mutual agreement of the state and EPA, make changes to the data; and responding as requested by the EPA for information on verification of state UCMR implementation.

Operator Certification

As mandated by the SDWA to maintain full funding for the DWSIRLF, operator certification is an essential part of the PWSS program. Activities required to maintain the operator certification program include: providing documentation and evaluation of ongoing program implementation for all annual program submittals subsequent to the initial submittal; supply as required certification of changes and documentation of those change that are made to the regulations of statutes; perform internal and external program reviews as required by state law.

Source Water Assessment Program

On an annual basis, MSDH reports to EPA on Source Water Assessment Program implementation activities. In FY-1997, a set-aside for DWSIRLF allowed MSDH to subcontract to the Mississippi Department of Environmental Quality to perform the source water assessment. The assessment has been completed and a report has been supplied to all of Mississippi's PWSs.

Auxiliary Services

These services include various aspects related to data management, compliance, and enforcement of the PWSS Program.

Information Management and SDWIS/Fed Reporting

These ongoing activities include: overseeing and enforcing requirements of data management and SDWIS/Fed reporting; reporting the state's PWSS inventory at least annually to SDWIS/Fed; reporting the state's violations and enforcement actions at least quarterly; participating in EPA/state data managers conference calls; identifying the data manager and alternate for the purpose of making secure transmissions of data intended for SDWIS/Fed through EPA's Central Data Exchange; establishing and following quality assurance procedures to ensure that PWS data eventually entered in SDWIS/Fed is of the highest reliability and maximum value to the public.

Inspection Strategy

This activity includes overseeing and enforcing requirements of the regulatory requirements.

Management System for Non-compliant Systems

These activities include: overseeing and enforcing requirements of management systems for non-compliant systems; provide current versions of its enforcement response guide; assurances that the EPA has up-to-date information.

Rule Task Force

This requires participation in the Rule Writing Task Force and Rule Workshops.

Enforcement and Management of Significant Non-compliers (SNC's)

Activities of this auxiliary service include: overseeing and complying with the requirements of management significant non-compliers (SNC's); and reporting the state's response to instances of significant noncompliance at public water systems.

The commitments as stated here and in the PWSS Work plan are adopted as commitments of the State Program Management set-aside.

SCHEDULE FOR COMPLETING ACTIVITIES

The schedule for completing State Program activities under this work plan will be the schedule established by dates entered in the "Date Due" column of the MSDH FY-2013 PWSS Work plan.

AGENCY RESPONSIBILITIES

The MSDH is the agency responsible for implementing required activities under the State Program Management set-aside.

EVALUATION PROCESS TO ASSESS THE SUCCESS OF SET-ASIDE ACTIVITIES

The success of State Program Activities will be defined by the ability of the MSDH to successfully meet commitments in the FY-2013 PWSS Work Plan. Quarterly and annual reports/submittals required by the PWSS program include documentation and evaluation of ongoing program implementation and success in meeting stated commitments.

G. Local Assistance and Other State Programs Annual Workplan
Section 1452(g)(2)
Safe Drinking Water Act Amendments of 1996

INTRODUCTION

The Mississippi State Department of Health (MSDH), Bureau of Public Water Supply (Department), proposes to use the Local Assistance and Other State Programs Set-aside of the DWSRF in a wellhead protection and assistance program directed at eliminating inactive wells or open holes to the aquifers throughout the state by properly abandoning them in accordance with state guidelines. Local governments realize that the inactive wells/open holes pose a risk of contamination to the groundwater which they may utilize via their active wells. However, funds to properly abandon those wells/holes are limited. The financial assistance provided through this set-aside will allow the state, by way of contractual agreement(s), to identify and then properly abandon inactive wells/open holes posing contamination risks to the state's groundwater aquifers.

SELECTION PROCESS

A request for proposals (RFP) for two proposed contracts was published in the legal section of *The Clarion-Ledger* with the RFPs scheduled to be received by October 7th, 2011. RFP number one is for an appropriate organization that will act as a liaison between the Department and local governments having the inactive wells or open holes to well (source water) aquifers. RFP number two will be awarded to the winning bidder of a licensed well driller authorized to work in Mississippi. Those responding to the RFP had been mailed an information packet the day the request was made. The proposals received from the potential contractors have been evaluated by the Department. Contracts have been awarded to the successful bidders with Mississippi Rural Water Association (MRWA) receiving the coordination contract and Mid-South Water & Machine Works (MSW&MW), the licensed well driller contract. Final negotiations are in process and pending approval from the State Contract Review Board, work should begin January 2012. Both contracts are in effect for one year with an optional second year to be exercised at the Department's discretion September 2012.

PROGRAM ACTIVITIES

The activities described herein will be accomplished through a four part process: Identification of wells / holes needing proper abandonment for the protection of aquifers and the overall public health; communication with public water supply that owns well / hole to encourage proper abandonment; mobilization of well contractor to identified site to perform the work; and confirmation that the work has been completed.

Identification –MRWA will use a list provided by the Department through a cooperative effort with the Mississippi Department of Environmental Quality Office of Groundwater Resources (MDEQ) to identify wells or open holes owned by particular water systems to be abandoned. Wells / holes deemed high risk by MDEQ will be sought out first for abandonment. Upon completion, wells/holes that are considered medium risk will be addressed next, then low risk.

Communication – Staff from the MRWA will meet with system officials to encourage "buy in" to properly abandoning existing inactive wells or open holes posing risk of contamination to their water system and aquifer. This is considered essential to successfully achieving the goal of abandoning those wells/holes posing risk.
Mobilization – Once the communication phase has been completed, staff of the MSW&MW, the licensed well driller contractor, will mobilize to the selected site and commence with the proper abandonment of well / hole. This will be accomplished in accordance with established guidelines set forth by the MDEQ Office of Groundwater. When the abandonment is complete, the well contractor will contact the MRWA staff to inform of them of project completion.
Confirmation – Staff of the MsRWA will perform site visits to confirm proper abandonment of site. That confirmation is passed on to the Department to ensure that each abandonment matches future invoices when received for payment.

SCHEDULE FOR COMPLETING ACTIVITIES

The schedule for completing Local Assistance and Other Program activities under this work plan will be the schedule established by set contractual dates. This second phase of well abandonment will be completed by September 30, 2013.

AGENCY RESPONSIBILITIES

The MSDH will be monitoring contractors throughout the process to ensure effective completion of contractual assignments.

EVALUATION PROCESS TO ASSESS THE SUCCESS OF SET-ASIDE ACTIVITIES

The success of this set-aside will be defined by the ability of the MSDH through the solicited contractor(s) to remove by proper abandonment wells or open holes that potentially pose a risk to existing water supplies and the aquifers which supply the well water.

H. Mississippi State Program Management Set-aside Match Requirements

Mississippi 1:1 Requirement for FY 2012 State Program Management Set-aside

	FY 1993	FY 2012
PWSS Grant	$769,600	$1,216,900
State Required Match for PWSS Grant	$256,533	$401,577
Actual State PWSS Contribution	$256,533	$3,264,627
State PWSS Overmatch	$ 0	$2,284,427
State PWSS Expenditures Eligible for 1:1 SPM Match	$128,266	$2,284,427
State PWSS Expenditures Claimed for 1:1 SPM Match	$128,266	$862,190

Mississippi requests $934,100 of its FY-2012 DWSRF Capitalization Grant be set-aside for State Program Management (SPM) to support Public Water Supply Supervision (PWSS) activities. To comply with the additional 1:1 match requirement for SPM set-asides, $934,100 in additional state funds will be required. The state provided $2,284,427 above the state's PWSS match requirement in FY-2012. This contribution is provided through the collection of Water Quality Analysis Fees by the MSDH Bureau of Public Water Supply. In accordance with Section 1452(g)(2) of the SDWA of 1996, the state claims $934,100 from its FY-2012 PWSS overmatch as credit to satisfy the $934,100 additional state match required to set-aside $934,100 of its FY-2012 Capitalization Grant for SPM activities.

I. Coordination Schedules for Jointly Funded Projects

FY-2012 DWSIRLF COORDINATION SCHEDULES FOR JOINTLY FUNDED PROJECTS			
These schedules are designed to help assure coordination between the DWSIRLF Program and the Appalachian Regional Commission (ARC) Grant Program, Community Development Block Grant (CDBG) Program, and Rural Utilities Service (RUS) Grant and Loan Program. These schedules are, however, subject to change due to the timing of federal appropriations or program changes.			
Date(s)	**Schedule Item(s)/Deadline(s)**		
	ARC	**CDBG**	**RUS***
May 1, 2011	Mississippi Appalachian Regional Office (MARO) notifies potential applicants & local Planning & Development Districts of the September 1, 2010, deadline for submitting complete ARC grants applications.	(N/A)	(N/A)
Sept 1, 2011	All FY-12 ARC project applications due at MARO in Tupelo, MS by 5:00 p.m. Proposals received afterward will only be considered as "back-up" projects.	(N/A)	(N/A)
Oct 1, 2011**	Deadline for loan applicant to submit a complete DWSIRLF facilities plan to MS State Department of Health (MSDH). The plan must reflect anticipated ARC funding, and must indicate if the loan applicant intends to proceed with the project; 1) only if ARC funds are received, or 2) regardless of ARC funding.**	Deadline for loan applicant to submit a complete DWSIRLF facilities plan to MS State Department of Health (MSDH). The plan must reflect anticipated CDBG funding, and must indicate if the loan applicant intends to proceed with the project; 1) only if CDBG funds are received, or 2) regardless of CDBG funding.**	Deadline for loan applicant to submit a complete DWSIRLF facilities plan to MS State Department of Health (MSDH). The plan must reflect anticipated RUS funding, and must indicate if the loan applicant intends to proceed with the project; 1) only if RUS funds are received, or 2) regardless of RUS funding.**
Oct, 2011	MS State Dept of Health (MSDH) notifies MARO of loan applicants who have submitted complete facilities plans which indicate anticipated FY-2012 ARC funding. MARO notifies MSDH of ARC grant applicants who submitted pre-applications which indicate anticipated FY-12 DWSIRLF funding.	MS State Dept of Health (MSDH) notifies Mississippi Development Authority (MDA) of loan applicants who have submitted facilities plans which indicate anticipated FY-2012 CDBG funding.	MS State Dept of Health (MSDH) notifies U. S. Department of Agriculture, Rural Utilities Service (RUS) of loan applicants who have submitted facilities plans which indicate anticipated FY-2012 RUS funding
Nov 15, 2011	MARO completes review of FY-2012 projects and briefs Governor on proposed Priority 1 and Priority 2 project lists, as well as projects not eligible to be funded.	(N/A)	(N/A)
Nov 15-30, 2011	MARO notifies local Planning & Development Districts of projects that have been selected for the P1 (fundable priority list). MARO will copy MSDH on these notification letters if grantee has indicated that it is pursuing DWSIRLF loan funds for the project. MSDH will not award a DWSIRLF loan until this notification from MARO is provided.	(N/A)	(N/A)

	ARC	CDBG	RUS
Oct 18, 2011	(N/A)	CDBG program application workshops.***	(N/A)
Nov, 2011	MSDH advertises Draft DWSIRLF FY-2012 Intended Use Plan for public comment.	MSDH advertises Draft DWSIRLF FY-2012 Intended Use Plan for public comment.	MSDH advertises Draft DWSIRLF FY-2012 Intended Use Plan for public comment.
Dec 30, 2011	Deadline for all FY-2012 Priority 1 documentation and forms to be submitted to MARO.	(N/A)	(N/A)
Dec, 2011	Board adopts FY-2012 DWSIRLF Intended Use Plan accounting for anticipated ARC award amounts if identified in facilities plan.	Board adopts FY-2012 DWSIRLF Intended Use Plan, accounting for anticipated CDBG award amounts if identified in facilities plan. CDBG public facilities applications, along with one copy of the DWSRLF loan application with maps and appropriate attachments will be accepted from 12/7&8/2011	Board adopts FY-2012 DWSIRLF Intended Use Plan, accounting for anticipated RUS award amounts if identified in facilities plan.
Jan 20, 2012	(N/A)	Deadline for a CDBG grant applicant to submit a water viability review form to MDA.	(N/A)
Jan, 2012	MSDH notifies MARO of projects included on final FY-2012 Priority List that anticipate receiving FY-2012 ARC funds.	MSDH notifies MDA of projects included on the Final FY-2012 Priority List that anticipate receiving FY-2012 CDBG funds.	MSDH notifies RUS of projects included on the final FY-2012 Priority List that anticipate receiving FY-2012 RUS funds.
Feb 1, 2012	MARO sends project applications to ARC-Washington to start final funding approval process.	(N/A)	(N/A)
Feb 16, 2012	(N/A)	CDBG public facilities applications, along with one copy of the DWSIRLF loan application with maps and appropriate attachments, will be accepted from 2/16/2012 until 4:00 p.m. on 2/17/12.	(N/A)
Feb- Jun, 2012	ARC-Washington starts the final funding approval process and awards ARC grants during the spring or summer of 2012.	(N/A)	(N/A)
Mar, 2012	(N/A)	MDA provides notification to MSDH that complete CDBG applications have been received.	(N/A)

	ARC	CDBG	RUS
May 1, 2012**	Deadline for loan applicants to submit a completed DWSIRLF loan application to MSDH for the total DWSIRLF eligible costs, less the amount of anticipated ARC award to be applied to DWSIRLF eligible costs.**	Deadline for loan applicants to submit a completed DWSIRLF loan application to MSDH for the total DWSIRLF eligible costs, less amount of anticipated CDBG award to be applied to the DWSIRLF eligible costs.** (NOTE: If the loan recipient is pursuing a CDBG grant to cover part of the cost of construction, the loan recipient has the option to include the anticipated CDBG grant amount in the detailed cost breakdown in the application, or may request 100% DWSIRLF funding with the possibility of amending the loan application later if the loan recipient is awarded a CDBG grant prior to receipt of bids for construction. However, the DWSIRLF loan application must be consistent with the DWSIRLF facilities plan for the project.)	Deadline for loan applicants to submit complete DWSIRLF loan applications to MSDH for the total DWSIRLF eligible costs, less amount of anticipated RUS award to be applied to DWSIRLF eligible costs.** (NOTE: If the loan recipient is pursuing an RUS grant/loan to cover part of the cost of construction, the loan recipient has the option to include the anticipated RUS grant/loan amount in the detailed cost breakdown in the application, or may request 100% DWSIRLF funding with the possibility of amending the loan application later if the loan recipient is awarded an RUS grant/loan prior to receipt of bids for construction. However, the DWSIRLF loan application must be consistent with the DWSIRLF facilities plan for the project)
May, 2012	(N/A)	MDA provides notification to MSDH of which projects fall within the funding range for CDBG grants for construction contingent upon matching funds being in place. (NOTE: MSDH will not award a DWSIRLF loan until this notification from MDA is provided.)	(N/A)
Jun, 2012	MSDH provides notification to MARO that complete DWSIRLF loan applications have been received.	MSDH provides notification to MDA that complete DWSIRLF loan applications have been received. MDA provides conformation to MSDH of which projects fall within the funding range for CDBG grants for construction contingent upon matching funds being in place.	MSDH provides notification to RUS that complete DWSIRLF loan applications have been received.
(Upon Grant Award)	MARO provides notification to MSDH that ARC awards have been made.	MDA provides notification to MSDH that CDBG awards have been made.	RUS provide notification that RUS awards have been made
Aug 1, 2012**	All approvable documents and responses to comments necessary for loan award must be submitted to MDEQ for review and approval.**	All approvable documents and responses to comments necessary for loan award must be submitted to MDEQ for review and approval.**	All approvable documents and responses to comments necessary for loan award must be submitted to MDEQ for review and approval.**
May-Sep, 2012	Loan applicants receive DWSIRLF loan awards from MSDH. The amount of the loan will be the total DWSIRLF eligible cost less the ARC award amount to be applied to DWSIRLF eligible costs.	Loan applicants receive DWSIRLF loan awards from MSDH. The amount of the loan will be the total DWSIRLF eligible cost less the CDBG award amount to be applied to DWSIRLF eligible costs.	Loan applicants receive DWSIRLF loan awards from MSDH. The amount of the loan will be the total DWSIRLF eligible cost less the RUS award amount to be applied to DWSIRLF eligible costs. If loan applicant desires DWSIRLF loan award prior to RUS award, loan applicant must provide MSDH with a copy of letter from RUS which states their project will be funded only contingent upon receipt of DWSIRLF matching funds. MSDH will not award a DWSIRLF loan until that notification from RUS is provided.

	ARC	CDBG	RUS
(Upon Loan Award)	MSDH sends a copy of the award letter to MARO.	MSDH sends a copy of the award letter to MDA.	MSDH sends a copy of the award letter to RUS.

* **General Guidance regarding DWSIRLF/RUS coordination:** The RUS is an agency of the United States Department of Agriculture which provides loans and grants for water and wastewater projects. Eligible applicants must be public entities, nonprofit organizations, or Indian tribes that serve communities with populations under 10,000. RUS funds may be used in conjunction with other Federal, State, or local funds. Applications for RUS funds will be accepted at any time during the year, and involve an environmental review that includes public notifications and comment periods. RUS projects are funded at any time during the year as long as funds are available. RUS funds are allocated by Congress in October of each year, and are usually spent as complete applications are received. Therefore, it is generally to the applicant's advantage to file applications earlier in the year. To receive an application package or other information, contact Rural Utilities Service, 100 West Capitol Street, Suite 831, Jackson, MS 39269; telephone: (601) 965-5460; fax: (601) 965-4566.

** **FY-2012 DWSIRLF Priority System Deadline**

*** **"To Be Announced" (Date has not yet been set.)**

J. Drinking Water Systems Emergency Loan Fund Program

Section 41-3-16, Mississippi Code of 1972, as amended, created the Drinking Water Systems Emergency Loan Fund Program (DWSELF). This program provides loans to counties, municipalities, districts, or other (tax exempt) water organizations for emergency construction, repair, or replacement of drinking water facilities. This entirely state-funded loan program provides a ready funding source for such emergency projects without the federal cross-cutter requirements required in the DWSIRLF Program, thereby saving valuable time and expense. This Program eliminates the need to address emergency loans in the Drinking Water Systems Improvements Revolving Loan Fund Program. The Board encourages eligible water organizations throughout the state to utilize this program whenever emergency drinking water projects are needed.

The basic provisions of this program are: 1) a current interest rate of 2.0%; 2) a maximum single loan amount as determined by the Board; 3) a maximum repayment period of five (5) years; and 4) the project must meet the definition of an emergency as established in the program regulations. It is also important to note that loan recipients do not pay interest during the original construction period (capitalized interest), and that loan repayments do not begin until after project completion.

Allowable costs for the project may not be incurred prior to the budget period established in the loan agreement, which may not begin more than 30 days prior to receipt of the loan application.

Costs for the project will be paid on a reimbursement basis, based upon the actual allowable expenditures of the loan recipient.

K. Certifications

In addition to the ten (10) assurances included below, the state acknowledges that there are six (6) additional assurances that the state has agreed to in either the Operating Agreement between the State and EPA Region IV or the annual capitalization grants. These two documents are hereby incorporated into this IUP by reference.

1. The state certifies that all drinking water facility projects in this IUP identified in Section VII as being subject to the federal cross-cutting requirements are or will be in compliance with all such requirements prior to the state entering into an assistance agreement with the recipient.

2. The state certifies that it will make an annual report to the Regional Administrator on the actual uses of the funds and how the state has met the goals and objectives for the previous two fiscal years as identified in the IUPs; and to annually have conducted an independent audit of the funds to be conducted in accordance with generally accepted government accounting standards.

3. The state certifies that this IUP will be subjected to public review and comment prior to final submission to EPA. The state certifies that it will follow the "Mississippi Administrative Procedures Law" in seeking public review and comments on this IUP. A copy of the "Mississippi Administrative Procedures Law" can be obtained from the Mississippi Secretary of State's Office, and can also be found on the MSDH's website at www.msdh.state.ms.us/dwsrf.

   A public hearing will be held at 9:00 a.m. on Friday, April 18, ~~January 20,~~ 2012, to receive written and oral comments on this IUP. A transcript of the public hearing recording the comments and recommended solutions will be submitted to EPA along with the Final IUP. Anyone desiring to receive a copy of the public hearing transcript should contact Ulysses Conley, Program Support Specialist, at (601) 576-7518 to request copies.

4. The state certifies that all drinking water facility projects in this IUP are on the project Priority List developed pursuant to the requirements of Section 1452(b)(3)(B), SDWA.

5. The state certifies that it will enter into binding commitments for 120% of the amount of each payment (LOC) under the capitalization grant within one year after receipt of each payment (LOC).

6. The state certifies that it will commit and expend all DWSIRLF Program monies as efficiently as possible, and to disburse the funds in a timely and expeditious manner.

7. The state certifies that it will conduct environmental reviews on all DWSIRLF cross-cutter equivalency projects in accordance with the State Environmental Review Process (SERP).

8. The state certifies that prior to adding any new projects to the FY-2013 and After Planning List for the purpose of funding such a project during FY-2012 that the state will follow the "Mississippi Administrative Procedures Law" in amending this IUP in order to allow for public review and comments.

9. The state certifies that it has developed and implemented a Capacity Development strategy to assist public water systems in acquiring and maintaining technical, managerial, and financial capacity as required in Section 1420(c) of the 1996 Amendments to the SDWA. This CD program is currently approved by EPA.

10. The state certifies the State's Operator Certification Program is currently approved by EPA.

STATE OF MISSISSIPPI
DRINKING WATER SYSTEMS IMPROVEMENTS
REVOLVING LOAN FUND PROGRAM

DRAFT
AMENDMENT #1
FY-2012 INTENDED USE PLAN

Presented to the Board for Review and Comment
On April 20, 2012

MISSISSIPPI STATE DEPARTMENT OF HEALTH

LOCAL GOVERNMENTS AND RURAL WATER SYSTEMS

IMPROVEMENTS BOARD

P. O. BOX 1700 SUITE U-232

JACKSON, MISSISSIPPI 39215-1700

(Blank)

DRAFT

STATE OF MISSISSIPPI

LOCAL GOVERNMENTS AND RURAL WATER SYSTEMS IMPROVEMENTS BOARD

DRINKING WATER SYSTEMS IMPROVEMENTS REVOLVING LOAN FUND

FY-2012 INTENDED USE PLAN AMENDMENT #1

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Purpose of Amendment No. 1 to the
FY-2012 Intended Use Plan

The Purpose of this amendment is to revise the Final FY-2012 Intended Use Plan to reflect the following changes:

- To account for all financial information referencing the 2012 Capitalization Grant to reflect Mississippi's actual allotment as determined by the Environmental Protection Agency. -Pages 2 & 6-

- To modify the content of section FY-2012 Appropriation Special Provisions to reflect the known provision that were recently supplied by the Environmental Protection Agency (EPA). –Page 10-

- To modify the Administrative set-aside section to reflect the programs decision to take the previously reserved FY-2003 set-aside from the FY-2012 capitalization grant allotment. –Page 12 & 33-

- To account for all financial set-aside information referencing the 2012 Capitalization Grant to reflect the Mississippi's actual allotment. -Pages 13-

- To modify existing FY-2012 Green Infrastructure Requirement to reflect the provisions limited role. –Pages 14 & 15-

- To reflect the subsidization requirement now has a range of a minimum of 20% and maximum of 30%. –Page 16-

- To delete the "Green Infrastructure Requirements" –Page 23-

- To account for the effect that the 2012 Capitalization Grant will have on the funding line in the Priority List –page 26-, the Detailed Project List –Page 32-, Appendix B -Page 43-

- To modify Appendices A, B, F, and H to reflect the FY-2012 Capitalization Grant and its effect on taken set-asides. –Page 39, 45, 53, & 60-

- To modify Appendices C and D to reflect the FY-2012 Capitalization Grant's effect on the ACH Ceiling and grant drawdowns. –Pages 46 & 47-

IX. Introduction

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

The Safe Drinking Water Act Amendments of 1996 (SDWA) established the national Drinking Water State Revolving Fund (DWSRF) Program. That program allows the Environmental Protection Agency (EPA) to make capitalization grants to states to, in turn, provide low cost loans to public water systems to help achieve or maintain compliance with SDWA requirements. Accordingly, the State Legislature (through Section 41-3-16, MS Code of 1972 Annotated) created what is now called the Drinking Water Systems Improvements Revolving Loan Fund (DWSIRLF) Program, to receive the federal DWSRF capitalization grants from EPA, and to provide low cost loans to the state's public water systems to finance needed infrastructure improvements. This legislation also allows the DWSIRLF, subject to the authority of State Law, to make loans that may utilize additional subsidization beyond standard DWSIRLF loans as well as setting appropriate criteria to determine eligible recipients.

That same legislation created the "Local Governments and Rural Water Systems Improvements Board" (Board), to oversee the administration of the DWSIRLF Program. The Mississippi State Department of Health (Department), as the state's drinking water primacy agency, supplies the staff and facilities necessary to administer the program. The Board is composed of the following nine (9) members: the State Health Officer, who shall serve as chairman of the Board; the Executive Director of the Mississippi Development Authority; the Executive Director of the Department of Environmental Quality; the Executive Director of the Department of Finance and Administration; the Executive Director of the Mississippi Association of Supervisors; the Executive Director of the Mississippi Municipal League; the Executive Director of the American Council of Engineering Companies; the State Director of the United States Department of Agriculture, Rural Development; and a manager of a rural water system. Each agency director may appoint a designee to serve in his or her place on the Board. The rural water system manager is appointed by the Governor. In the creation of the program it was the intent of the Legislature that the Board endeavor to ensure that the costs of administering the DWSIRLF Program are as low as possible, in order to provide the water consumers of Mississippi with safe drinking water at affordable prices.

As a condition of receiving the DWSRF capitalization grants, the SDWA requires that each state annually prepare an Intended Use Plan (IUP). The IUP is designed to outline how a state will utilize DWSRF funds to assist in protecting public health. The DWSIRLF Fund consists of both state and federal funds. Federal funds are provided to the states in the form of awarded capitalization grants. Each state's allotment of those grants is based on EPA's Needs Survey that is performed every four years. State matching funds totaling 20% of the federal grant amount are required to be deposited into the Fund and have historically been provided through the issuance of bonds. The purpose of this IUP is to convey the State of Mississippi's (State) DWSRF plan for FY-2012 to EPA, other state agencies, the state's public water supplies, and the general public.

B. Program Overview

The basic framework under which the DWSIRLF Program operates is established by two documents. The first document is the Drinking Water State Revolving Fund Loan Program Operating Agreement (Operating Agreement) between the Mississippi State Department of Health and the Environmental Protection Agency, Region IV. The most current Operating Agreement was agreed to by both parties and approved on February 3, 2009. The Operating Agreement establishes the basic framework of the DWSIRLF that is not expected to change from year-to-year. The second document is this IUP, which describes how the State of Mississippi will obligate the FY-2012 DWSRF allotment of $9,341,000 ~~$8,621,902~~ from July, 2012, through June, 2016, as will be shown in the capitalization grant application. This IUP will show in detail the following: the goals (basic, long-term and short-term), the structure, and the financial status of the loan program; the role of the set-aside activities within the state; and most importantly, the distribution of funds towards public water system improvements projects and the criteria used to determine their ranking within the priority system. Those desiring to receive a copy of either of these documents should contact Ulysses Conley, Program Support Specialist, at (601) 576-7518 to request copies.

C. Public Input, Review, and Comment Procedures

To ensure that the public has an ample opportunity to review and comment upon the IUP, the Department and the Board follow the "Mississippi Administrative Procedures Law" prior to final submission of the IUP to EPA. A public notice period of at least twenty-five (25) days allows for review and comment before a public hearing. A second filing with the Secretary of State's Office occurs with the IUP becoming law 30 days later.

Public notice will be given in *The Clarion Ledger*, a newspaper of statewide circulation, to receive any written and oral comments on this IUP. A public hearing will be held at 9:00 a.m. on Friday, May 18, 2012. A transcript of the public hearing, recording the comments and recommended solutions, will be submitted to EPA along with the Final IUP. Those desiring to receive a copy of the public hearing transcript should contact Ulysses Conley, Program Support Specialist, at (601) 576-7518 to request copies. A copy of the "Mississippi Administrative Procedures Law" may be obtained from the Mississippi Secretary of State's Office, and can also be found on the Mississippi State Department of Health's website at www.msdh.state.ms.us/dwsrf.

X. Goals of Mississippi's Drinking Water Systems Improvements Revolving Loan Fund (DWSIRLF) Program

The Board has established certain goals for the DWSIRLF Program with the objective of improving the program on an ongoing basis. The goals have been classified into three categories that include basic, long-term, and short-term. These goals were developed to address the necessary requirements of federal and state regulations, as well as the state's need and desire to maintain and enhance the program. Congress and the State of Mississippi have placed particular emphasis on assisting smaller drinking water systems

under the DWSIRLF to ensure that these systems have adequate technical, managerial, and financial resources to achieve or maintain compliance and provide safe drinking water.

A. Basic Goals

a. Maintain a financially sound DWSIRLF in perpetuity; meet a portion of the drinking water needs in the state within a reasonable period of time; and fund projects in order of public health importance. Attaining these basic goals will help ensure that Mississippi's drinking water supplies remain safe and affordable, and that those public water systems that receive funding will be properly operated and maintained.

b. Determine the DWSIRLF's yearly interest rate, taking into consideration that it must be competitive with the private sector, as well as with other available funding sources within the state. This will ensure the timely use of available funds, as well as ensure sufficient income is generated to provide for the perpetuity of the Fund. Further details of loan terms and priority ranking are outlined in Sections IV and VI of this IUP.

B. Long-Term DWSIRLF Goals

6. Enhance and/or improve loan application and repayment procedures. MSDH intends to periodically evaluate the existing program requirements and procedures to determine ways to streamline the DWSIRLF Program's application and repayment procedures, making it more user-friendly, attractive and beneficial to loan recipients, while ensuring continued compliance with all federal and state regulations and requirements. This task may prove to be difficult due to the potential provisions linked to the appropriations that change from year to year.

7. In addition to streamlining program requirements and procedures, Program staff are exploring the feasibility of creating a universal web-based ranking form for all lending agencies within the state. The proposed form would ask a few simple questions, recommend a lending program based on the responses, and submit the ranking form to the appropriate agency. This could help potential loan recipients find the program that is right for their water utility, quickly and easily.

8. Use Set-Aside to fund abandonment and plugging of wells. Beginning last year, the program began using the Local Assistance and Other State Programs set-aside to properly abandon inactive wells and open holes. These inactive wells and open holes are potential avenues of contamination to the aquifer and a danger to humans. We believe this is a worthwhile endeavor that will protect the source water of the state's water supplies.

9. Develop a tracking system to manage program documents and disbursements. A tracking system will provide DWSIRLF loan recipients and their representatives

an opportunity to view the status and/or location of documents mailed to the DWSIRLF program for review and/or processing. This tracking system will also assist DWSIRLF staff in tracking/monitoring program documentation reviews as well as disbursements.

10. Develop a comprehensive engineering project manager (PM) manual. While the program is fully staffed, the Bureau of Public Water Supply continues to make changes to the personnel involved with the DWSIRLF Program as the need arises. A comprehensive manual for project management will help ensure new PMs will have all the necessary tools and reference material at their disposal to ensure the ongoing project flow will be uninterrupted. Since regulations change periodically, once the manual is completed it will be maintained by assigned staff.

C. Short-Term DWSIRLF Goals

1. Enhance and/or improve the DWSIRLF Loan Program by making it more attractive to public water systems. The evaluation of this goal will be based on input received from "one-on-one" visits with staff at engineering firms, town conferences, and general feedback obtained from loan recipients and consulting engineers during the loan process. These meetings will be conducted with firms currently participating in the DWSIRLF program to collect data regarding the effectiveness of the loan application process currently being implemented by the DWSIRLF.

2. Explore the possibility of developing web-based checklists and forms to electronically store and process project management information.

7. Assist applicants in addressing capacity assessment deficiencies found during annual inspections by using technical solutions afforded by the technical assistance set-aside contractors. New or forthcoming regulations may make this a key goal in the future.

8. Train new staff members using available training sessions provided by EPA Region IV staff.

9. Meet special funding goals: It is an increasing possibility that the FY-2012 federal appropriation will include new or recently introduced provisions that will require compliance monitoring, thus creating an additional burden to the program. As these new provision(s) are unknown at this time, the program will make appropriate adjustments when new information becomes available.

10. Implement an automatic repayment collection system: Many loan recipients in the repayment mode of the program desire an automatic electronic repayment system as is available in the public sector. Recently, two programs within the MSDH have successfully established this automatic payment method. The DWSIRLF, by instituting this payment option, will ensure a more timely receipt

of monthly repayments, as well as make the repayment process much more convenient for our loan recipients.

XI. Structure of the Mississippi DWSIRLF

The Mississippi DWSIRLF is structured around three separate funds that sustain the program and help it achieve the basic, short-term, and long-term goals. The funds are broken down further into designated accounts, each having a specific function:

A. DWSIRLF Loan/Operations Fund

Monies in the Fund support a majority of the functions of the DWSIRLF. These functions include: program administration, set-aside operations, and most importantly, providing loans to public water systems for eligible projects. The DWSIRLF is a reimbursement program, meaning that after the loan is awarded, costs associated with planning, designing and constructing the project are reimbursed to the recipient. Capitalization grants from EPA, loan repayments and interest earnings are deposited into this Fund.

1. Types of Eligible Projects:
   Many types of projects are eligible for funding under the loan program. For a more detailed explanation of eligible costs for projects, please reference Appendix A of the DWSIRLF Regulations.

2. Set-aside Accounts:
   The set-aside accounts reside under the umbrella of the Fund and are distinctly designated by reporting categories. A listing of the set-asides taken by Mississippi includes the following:
   a. Administrative Set-aside: Used to provide financial support to administer the loan program and other non-project-related activities.
   b. Small System Technical Assistance Set-aside: Used to provide technical assistance to small water systems through the current contractual services of the *Community Resources Group* (CRG), Mississippi State University – Extension Service (MSU-ES) and the Mississippi Rural Water Association (MsRWA)
   c. State Program Management Set-aside: Used to provide additional financial support to MSDH – Bureau of Public Water Supply for Public Water System Supervision program support.
   d. Local Assistance and Other State Programs: Used to provide additional funding for the establishment and implementation of a wellhead protection program.

B. DWSIRLF State Match Funds

As required by the SDWA, the State of Mississippi must match the capitalization grant with state funds equaling 20% of the federal allotment. Mississippi historically

has received the required 20% state match from the sale of General Obligation Bonds authorized by the State Legislature and sold by the Mississippi State Bond Commission. While state match monies provided through the bond sales are maintained separately from the Fund for accounting purposes, they are still considered to be under the "umbrella" protection of the DWSRF Fund.

C. Drinking Water Systems Emergency Loan Fund (DWSELF)

This fund contains state monies that are to be utilized only for public water supply loans which meet the definition of emergency. For further information see Appendix J.

XII. Financial Status of the DWSIRLF

This section outlines all sources of funding available to the DWSIRLF program and indicates intended uses. This section also describes the financial assistance terms available through the program.

A. Source and Use of Funds

Funding amounts and their use are outlined in Appendix A. For FY-2012 the federal allotment is $9,341,000 ~~$8,621,902~~ and the required 20% state match of $1,868,200 ~~$1,724,380~~ will provide a total of $11,209,200 ~~$10,346,282~~ to be used for loans and set-aside activities. An estimated $7,397,980 ~~$8,551,532~~ will be used for loans to Mississippi public water supplies, with $1,943,020 ~~$1,534,628~~ being utilized for set-aside activities. Unobligated funds from the previous year, anticipated loan repayments, and interest earnings are additional funding sources, which are not classified as state match. Set-aside use for the standard capitalization grant is outlined in Section V. of this IUP. Necessary workplans showing utilization of these funds are found at the end of this IUP.

1. Federal Allotment
   Mississippi's FY-2012 capitalization grant is $9,341,000 ~~$8,621,902~~ based on the FY-2012 legislative appropriation. According to the final federal appropriation, the FY-2012 grant requires that an estimated 20 percent of the funds appropriated herein for the Revolving Funds shall be designated for green infrastructure, water efficiency improvements, energy efficiency improvements, or other environmentally innovative projects. Furthermore up to 30% of the total grant funds are required to be provided as additional subsidy to FY-2012 loan recipients. Based on capitalization grant and state match requirement, the expected cash draw ratio of 20.16% ~~19.44%~~ state match funds to 79.84% ~~80.56%~~ federal grant funds and will be included in grant application.

2. State Match Requirements
   The state receives its 20% state match from the sale of General Obligation Bonds authorized by the State Legislature. The Legislature passed House Bill No. 209 to

establish a Local Governments and Rural Water Systems Improvements Revolving Loan Program and authorized the sale of $15,000,000 in General Obligation Bonds which were deposited into the Loan Fund. As stated in the law, one of the purposes for these funds is that, "All or any portion of the monies in the fund may be used to match any federal funds that are available for the same or related purposes for which funds are used and expended under this act." Initially, $10,000,000 of these General Obligation bonds were sold in May of 1997 and the proceeds were deposited into the Fund on May 29, 1997. Later, the remaining $5,000,000 of the original bonding authority was sold and deposited into the DWSIRLF fund on October 5, 2000.

- $3,294,840 was used as match for the FY-97 Cap grant,
- $1,654,340 was used as match for the FY-98 Cap grant,
- $1,733,900 was used as match for the FY-99 Cap grant,
- $1,802,020 was used as match for the FY-2000 Cap grant,
- $1,809,480 was used as match for the FY-2001 cap grant,
- $1,610,500 was used as match for the FY-2002 cap grant,
- $1,600,820 was used as match for the FY-2003 cap grant,
- $1,494,100 was used as match for $7,470,500 of the FY-2004 cap grant.

During the Spring 2003 Legislative Session, the Legislature provided the Board with an additional $130,000 in bonding authority. Additionally, during the Spring 2004 Legislative Session, the Legislature authorized $1,613,000 in general obligation bonds. A total of $1,740,000 was deposited in the DWSIRL Fund during the 1st Quarter of FY-2005.

- $129,776 was used as match for $648,880 of the FY-2004 cap grant.
- $36,744 was used as match for $183,720 which was the remaining FY-2004 cap grant.
- $1,573,480 was used as match for $7,867,400 of the FY-2005 cap grant.

During the 2006 Regular Legislative Session, the Legislature authorized general obligation bonds in the amount of $4,003,000, which were sold and deposited in the SRF Fund during the 1st Quarter of FY-2007. After paying the issuance cost of $2,128.26:

- $83,620 was used to match the remaining $418,100 of the FY-2005 cap grant.
- $1,645,860 was used to match the FY-2006 cap grant ($8,229,300).
- $1,645,800 was used to match the FY-2007 cap grant ($8,229,000).
- $625,591 was used to match a portion ($3,127,955) of the FY-2008 cap grant.

During the 2008 Regular Legislative Session, the State Legislature authorized an additional $4,000,000 in general obligation bonds which were sold and deposited into the Fund during the 1st Quarter of FY-2009. After paying issuance costs of $2,256.05:

- $1,003,609 was used to match the remaining FY-2008 cap grant.
- $1,629,200 was used to match the FY-2009 cap grant ($8,146,000).
- $1,364,935 was used to match a portion of the FY-2010 cap grant or $6,824,675.

During the 2010 Regular Legislative Session, the State Legislature authorized an additional $1,400,000 in general obligation bonds which were sold and deposited into the Fund during the 4th Quarter of FY-2010. After paying issuance costs of $9,086.77:

- $1,390,913.23 was used to match an additional portion of the FY-2010 cap grant or $6,954,566.15.

During the 2011 Regular Legislative Session, the State Legislature authorized an additional $2,700,000 in general obligation bonds which were sold and deposited into the Fund during the 4th Quarter of FY-2011. After paying issuance and discount costs of $13,104.91:

- $69,152 was used to match the remaining FY-2010 cap grant.
- $1,960,400 will be used to match the FY-2011 cap grant.
- $1,833.37 will be used to match $9,166.85 transferred to the DWSIRLF from the remaining balance of the MS Operator Certification Grant for making additional loans.
- The remaining $655,510 in bonds will be used to match $3,277,550 of the FY-2012 capitalization grant.

The remaining match needed to completely capture the balance of the FY-2012 cap grant will requested to be appropriated during the FY-2012 legislative session and will be included as a part of any disbursements made during FY-2012.

3. Loan Increase Reserve
   Beginning in FY-2003 the Board began to make loan awards after approval of the facilities plans and loan application rather than after completion of design. This change in the loan award sequence increased the likelihood that bid overruns on some projects may be greater than the construction contingency included in the loan agreement. In order to provide needed loan increases to existing loans, the Board intends to set-aside the amount indicated in Appendix A for such loan increases to be awarded on a first-come, first-served basis. Any funds not obligated for these purposes by the end of the fiscal year may be made available for new loan awards to the highest ranking project(s) that is ready for loan award at the time funds become available.

B. Financial Planning Process

In accordance with the Board's desire to maintain a financially sound DWSIRLF loan fund in perpetuity, while at the same time meeting a substantial portion of the drinking water needs in the state within a reasonable period of time, the following financial decisions were made regarding the Fund:

1. Efficient Bond Management
   The Board intends that the MSDH apply for the entire state allotment under the federal DWSRF, including the set-asides described in Section V. below. The Board has decided that any bond proceeds be deposited into the DWSIRLF fund to be "banked" as state match for federal DWSRF capitalization grants, and has made this entire amount immediately available for DWSIRLF loans.

2. Interest Rate Determination
   As mentioned previously in the Goals Section of the IUP, it is the Board's intention to adjust interest rates such that the demand will eventually equal the funds available. In order to ensure that this interest rate will be at or below the prevailing market rates at the time a loan is made, this rate will be compared to the twenty-year (20) triple-A rated, tax-exempt insured revenue bond yield published by The Bond Market Association/ Bloomberg (Bloomberg Online, http://www.bloomberg.com/markets/rates/index.html).

3. Investment
   Investment Procedures for Excess Cash - According to the State Treasurer, the excess cash in the DWSIRLF is invested by the State Treasurer in securities prescribed in Section 27-105-33, et. Seq., of the Mississippi Code of 1972 Annotated, as amended. The securities in which state funds may be invested include certificates of deposit with qualified state depositories, repurchase agreements (fully secured by direct United States Treasury obligations, United States Government agency obligations, United States Government instrumentalities or United States Government sponsored enterprise obligations), direct United States Treasury obligations, United States Government agency obligations, United States Government instrumentalities or United States Government sponsored enterprise obligations, and any other open-ended or closed-ended management type investment company or investment trust registered under the provisions of 15 U.S.C. Section 80(a)-1 et. Seq, provided that the portfolio is limited to direct obligations issued by the United States of America, United States Government agency obligations, United States Government instrumentalities or United States Government sponsored enterprise obligations and to repurchase agreements fully collateralized by the securities listed above for repurchase agreements.

C. Financial Terms of Loans

The following terms will be used for the purpose of making loans to the public water systems within the State of Mississippi.

1. Funding Limit
   Under state law, the Board has the discretion to set the maximum amount for DWSIRLF loans. For FY-2012 the Board has set the maximum loan amount to be $5,000,000, per borrower. The Board may allow this maximum loan limit to be exceeded by vote on a case-by-case basis, if requested by the borrower and the need has been justified. Furthermore, during FY-2012, no more than one loan per borrower will be allowed. These funding limits will be implemented due to the reduced amount of available funds. By the end of the fiscal year, in the event that additional funds are available, systems previously receiving an award during FY-2012 may obtain an additional award(s) or an increase to a previous FY-2012 award, if no other eligible systems are evident.

2. Interest Rate
   All loan terms will be at 1.95% annual interest rate, compounded monthly, with a maximum 20-year repayment period. The interest will not accrue during construction, but will commence at the date of completion of the original construction period.

3. Administration Fee
   Revenues to pay for DWSIRLF program administrative costs will be collected through an administration fee of 5% of the initial loan principal. This fee will be collected from the interest portion of loan repayments on all FY-2012 loans. There are ample funds in this program administration fund at this time. The Department expects to receive approximately $1.1M over the course of approximately two years after FY-2012 loans have been closed out and have begun repayments. This amount is pending the receipt of the full amount of the requested EPA FY-2012 Capitalization Grant.

4. FY-2012 Appropriation Special Provisions
   While the FY-2012 appropriations bill has not been finalized, the final allotment amounts and its additional federal requirements ~~attached to the FY-2012 funds~~ are ~~un~~known at this time. ~~If recent history is an indication,~~ The FY-2012 federal appropriation funds ~~may~~ require that a portion of the capitalization grant funds be used to ~~fund projects that are considered "Green Infrastructure" in nature~~ provide ~~There is also a high probability that a portion of the capitalization grant will be required to be used to provide~~ additional subsidization beyond low interest rates to loan recipients. That additional subsidization could take the form of principal forgiveness, negative interest rates, or a combination of the two. Furthermore, ~~it is also likely that~~ all loans made with all or part FY-2012 federal appropriation funds will have the added loan conditions associated with the Davis-Bacon Act. Appropriate language will be added to all FY-2012 loan agreements identifying the additional responsibilities for loan recipients. Additionally, while "Green Infrastructure" is no longer an appropriation requirement, the Program will continue to encourage those types of projects to seek funding from the DWSIRLF.

5. Other Related Issues
   a. *Type of Assistance Provided:* The assistance to be provided under the DWSIRLF loan program will be loans to public, tax-exempt entities which are authorized under state law to collect, treat, store and distribute piped water for human consumption; to enter into a DWSIRLF loan agreement; and, which have the ability to repay the DWSIRLF loan. With the funds afforded through the FY-2012 appropriation, the DWSIRLF ~~may~~ will be able to make loans that will have an amount of principal forgiveness, if the loan recipient is designated a disadvantaged community. As ~~Once~~ the specifics of the FY-2012 appropriation bill are known, the Board may set a limit on the total amount of grant funds that would be designated for additional subsidy. Once

the limit of the appropriation subsidy funds has been reached for FY-2012, loans will return to the DWSIRLF's standard terms without principal forgiveness. In all cases, these loans will be for the construction of eligible drinking water production, treatment and distribution facilities.

b. *Project Costs Eligibility:* Eligible/allowable project costs will include those costs that are eligible, reasonable, necessary, and allocable to the project, within the established project scope and budget, in conformance with the DWSIRLF regulations and approved by MSDH.

c. *Loan Participation:* DWSIRLF loan participation will be at 100% of eligible project costs, less any funding made available from other agencies for these same eligible project costs.

d. *Pre-Award Costs:* Project costs incurred prior to loan award will be DWSIRLF loan eligible provided:
   i. The debt is for work under a construction contract for which the notice to proceed was issued on or after October 1, 2011, and the DWSIRLF loan is awarded by September 30, 2012.
   ii. The project is in compliance with all applicable DWSIRLF program regulations and obtains MSDH approval of all applicable documents prior to award of the DWSIRLF loan.
   iii. The prospective loan recipient agrees that by incurring costs prior to loan award, it proceeds at its own risk and relieves the Board, the Department, and the Department's staff of all responsibility and liability should such costs later be determined unallowable for any reason or should such funding not become available for any reason.
   iv. The prospective loan recipient agrees that by incurring costs prior to loan award, no future commitment of funding a refinanced project is provided.

e. *Priority List:* The FY-2012 Priority List expires on September 30, 2012. Projects listed in the FY-2012 Priority List that do not receive funding by this date will not be funded under the FY-2012 funding cycle, and will be subject to the requirements of the FY-2012 or subsequent IUPs and Priority Lists. Detailed information for the FY-2012 DWSIRLF projects is shown in Section VIII of this IUP. To facilitate the use of FY-2012 federally appropriated funds, the priority list may be adjusted to allow funds to be disbursed according to the federal requirements.

XIII. Set-Aside Activities

The SDWA allows each state to set-aside up to 31 percent of its federal capitalization grant to support non-project-related drinking water programs including: administration of the loan program, technical assistance to public water systems, state program management and other special activities. The state plans to use an estimated $1,943,020 ~~$1,534,628~~ of the federal grant to support these activities along with an additional

estimated $934,100 ~~$862,190~~ in state money needed for state program management match. These non-project-related programs will be operated by the MSDH within the agency itself or through contracts with other agencies or organizations. Contracts between the MSDH and other agencies or organizations will be approved by the Board. Workplans detailing how funds will be expended for the set-asides utilized are included as appendices within this IUP. Additionally, progress reports will be included in the Annual Report for those set-asides utilized. As of this public notice, the state has elected not to take any additional set-asides from the FY-2012 appropriation, but reserves the right to make revisions to utilize those set-asides.

A. Administration

Standard Capitalization Grant

The state will not use or reserve to be used at a later date the 4% set-aside from the ~~estimated~~ FY-2012 Capitalization Grant for administration. However, the state will now use the previously reserved FY-2003 ($322,100) administrative set-aside amount by taking an equal amount from the FY-2012 Capitalization Grant for administrative purposes. ~~However~~ Additionally, the state wishes to exercise its right to continue to reserve the ~~FY-2003 ($322,100),~~ FY-2004 ($332,124), FY-2009 ($325,840) ~~and~~ the FY-2010 remaining amount ($282,500), and the FY-2011 ($385,800) reserved from administrative set-aside funds to be taken when needed from future capitalization grants. Reserved set-aside amounts are based on the original capitalization grants awarded during those previous fiscal years. In an effort to make the program more desirable for potential loan recipients, in 2009 the Board implemented a new administrative fee collection method in conjunction with the FY-2009 IUP and after. Previously, the administrative fee was collected in the first payment request submitted by the loan recipient. The current method collects the fees during the initial months of the 20-year repayment period. Continuing to reserve the funds from ~~FY-2003,~~ FY-2004, FY-2009, FY-2010 and FY-2011 is necessary to ensure that administrative funds will be available during the lengthy transition to the new administrative fee collection method that could be as long as two years. With the increased staff that is needed to properly manage the program, administrative funds will be depleted rapidly and the additional reserved administrative set-aside funds will be required for continued program operation. The reserved administrative set-asides will be taken from future capitalization grants when it appears that the current administrative fund account will be insufficient to cover the fiscal year. The fact is also noted that the additional subsidy requirements tied to current federal appropriations has reduced loan amounts and loan repayments thus reducing administrative fees returned through the interest portion of the repayments. Additionally, the economic climate that the country is currently facing has shown that many systems are unwilling to assume the additional debt that a loan would present. These conditions have made the need for the continued reserve of these funds even more important. If the program needs to capture reserved funds from future capitalization grants, only two of the reserved amounts will be taken at any time. This will allow the program to meet the administrative needs and maximize the amount of funds utilized in the loan program.

B. Small System Technical Assistance

Standard Capitalization Grant
The state intends to set-aside two (2%) percent or $186,820 ~~$172,438~~ of its estimated FY-2012 Capitalization Grant to provide technical assistance to public water systems serving under 10,000 population. With approval by the Board, the state intends to use this set-aside to fund contracts for the following activities: Special Assistance to Referred Systems; Board Management Training for Water System Officials; On-Site Technical Assistance; PEER Review Program; and Hands-on Operator Training. Each of these activities is described in detail in the State of Mississippi's Small Systems Technical Assistance Set-Aside Work Plan included as Appendix F to this IUP.

C. State Program Management

Standard Capitalization Grant
The state intends to set-aside the full ten percent (10%) or $934,100 ~~$862,190~~ of the estimated FY-2012 Capitalization Grant, as authorized by Section 1452(g)(2) of the Safe Drinking Water Act of 1996, for State Program Management to be used for Public Water System Supervision (PWSS) activities conducted under Section 1443(a) of the Act. These activities are described in more detail in the State of Mississippi's State Program Management Set-aside Annual Work Plan included as Appendix G to this IUP. The state must provide a dollar-for-dollar match (100% match) for Capitalization Grant funds used for these activities. This match is separate and in addition to the twenty (20%) percent state match required for the Capitalization Grant. The state is allowed to offset the 100% match requirement by claiming credit for State FY-2012 PWSS expenditures that exceed the State's FY-2012 PWSS match requirement. The state is further allowed to use state FY-1993 PWSS expenditures as a "coupon" to offset the 100% match requirement as long as this amount does not exceed the amount that can be claimed from FY-2012 expenditures. While this is allowed, the MSDH Bureau of Public Water Supply sees this as providing no additional monetary benefit to the State Program Management Program and has elected to decline the "coupon". A tabulation showing amount and source of funds to satisfy match requirements for the FY-2012 State Program Management set-aside is furnished as Appendix H to this IUP.

D. Local Assistance and Other State Programs

The state intends to set-aside five point one (5.4%) percent or $500,000 of its FY-2012 Capitalization Grant to provide funding needed for wellhead protection throughout the state. These funds will be used to properly abandon inactive wells that pose a risk to existing active public water supply source water wells, as well as the environment.

XIV. Priority System

The SDWA provides the state with the flexibility to determine how to best utilize the capitalization grant. Bearing this in mind, Mississippi has particular issues facing its public water systems which are unique to the state; however, the SDWA requirements give priority to those projects which:

- address the most serious risk to human health
- are necessary to ensure compliance with the SDWA requirements
- assist systems most in need, on a per household basis.

A. Funding and Ranking Rationale

Projects will be placed on the fundable portion of the Priority List according to both priority ranking and readiness to proceed. The term "ready to proceed" means that all loan application requirements established in the program regulations are met, and all documents necessary for loan award are approved. If a project cannot reasonably be expected to meet the Priority System deadlines, then the project will not be placed on the current year's priority list, but rather will be placed on the planning list. It is the Board's judgment as to whether the project can be ready to proceed. Loans will be awarded (within the available funds) in the following order: projects above funding line (the current year's priority list) that have met all Priority System deadlines will be funded when they are ready to proceed.

1. Funding Lists and Bypass Procedure
   Should any projects on the FY-2012 Priority List shown above the funding line fail to comply with the deadlines in Section D, the project shall be bypassed and the funds reserved for said project will be released. These released funds will first be made available to ensure that all projects above the funding line meeting priority system deadlines are funded, with any remainder made available to the highest ranking project(s) shown below the funding line that is ready for loan award at the time funds become available. If no projects above the funding line are ready for loan award at the time funds become available, projects shown below the funding line will be funded on a first-come, first-served basis as they become ready for loan award and until the released funds are awarded. This same process will continue as each deadline passes and released funds become available.

2. FY-2012 Green Infrastructure Requirement
   The FY-2012 federal appropriation does not have a requirement ~~may have a stipulation~~ that ~~up to~~ 20% of the funds appropriated for the Revolving Funds be designated for projects that exhibit the elements of green infrastructure, water efficiency improvements, energy efficiency improvements or other environmentally innovative projects. However, projects that wish to be classified in the following elements will be reported as green infrastructure to the EPA through its "Project and Benefits Report Database" and noted in the future annual report. ~~applied as credit towards meeting this potential FY-2012 appropriation's~~

~~green infrastructure requirement.~~ Projects may exhibit one or more of the "green" elements and the details of the project's "green" content will be identified in the business case required for each project if the recipient so chooses.

- **Green infrastructure projects** include a wide array of practices at multiple scales that manage wet weather and that maintain and restore natural hydrology by infiltrating, evapotranspiring and harvesting and using stormwater. On a regional scale, green infrastructure is the preservation and restoration of natural landscape features, such as forests, floodplains and wetlands, coupled with policies such as infill and redevelopment that reduce overall imperviousness in a watershed. On the local scale, it can consist of site- and neighborhood-specific practices, such as bioretention, trees, green roofs, permeable pavements and cisterns.
- **Water efficiency projects** are to be designed as the use of improved technologies and practices to deliver equal or better services with less water. It encompasses conservation and reuse efforts, as well as water loss reduction and prevention, to protect water resources for the future.
- **Energy efficiency projects** are to be designed to use improved technologies and practices to reduce the energy consumption of water projects, use energy in a more efficient way, and/or produce/utilize renewable energy.
- **Environmentally innovative projects** include those that demonstrate new and/or innovative approaches to delivering services or managing water resources in a more sustainable way.

~~Projects with higher rankings may be bypassed in order for the state to achieve this potential federal appropriation requirement. Supporting documentation will be provided for those cases in which it is not clear that the project or component qualifies to be included as counting towards the green infrastructure 20% requirement~~. Projects desiring to be classified as ~~for~~ "green" ~~consideration~~ will be judged for eligibility ~~detailing the case on which the project was judged to qualify~~ based on the guidance supplied by the EPA and that is available at our website www.healthyms.com/dwsrf. Systems desiring "Green Infrastructure" classification will be required to present a "business case" establishing justification for the classification request. Guidance for establishing a "business case" is available to assist potential loan recipients in preparation of the documentation. Potential loan recipients with projects on the current priority list are encouraged to make, to the extent possible, a project "green". ~~This may help ensure that projects get funded as desired. In the event that additional projects are needed to fulfill a potential requirement of the federal appropriation, the state will take the appropriate steps to make additional solicitation for those projects.~~

3. Loan Decreases

Any funds recovered from loan decreases during the year will be used: a) first to fund bid overruns, if funds from the loan increase reserve are not sufficient to cover the bid overruns; b) then to ensure that all projects above the funding line meeting the priority system deadlines are funded (for at least the amount shown on the priority list) and c) then to fund other loans and/or increases on a first-come, first-served basis. Any funds not obligated for these purposes by the end of

the fiscal year may be made available for new loan awards ready to proceed on a first-come, first-served basis.

4. Match for Special Appropriations Project (SPAP) Grants
On October 10, 2001, EPA issued policy memorandum DWSRF 02-01 to notify regions and states of a change in policy regarding the use of DWSRF monies for providing local match for SPAP grants. This change in EPA policy will allow the state to use non-federal, non-state match DWSIRLF funds to provide loans that can be used as local match for SPAP grants awarded for drinking water projects.

   These non-federal, non-state match DWSIRLF loan funds may be made available to eligible SPAP grant recipients that are on the priority list for use as local match funds for their SPAP grants, provided the grant is for loan eligible work. Such projects will be funded in accordance with the Priority System and until all non-federal, non-state match monies have been obligated or demand for such funds has been met.

5. Subsidization from FY-2012 Federal Appropriation
By the passage of the FY-2012 federal appropriation, the EPA has mandated that a minimum of 20% but no more than 30% in ~~30 percent of~~ additional subsidization be provided to disadvantaged communities. The DWISRLF's subsidization will be in the form of principal forgiveness (PF) to the individual public water supplies awarded loans during FY-2012 <u>that are considered a disadvantaged community at some level based on the system's median household income</u>.

   Disadvantaged Community Program
During FY-2012, the following principal forgiveness methodology will be used and the information made available to loan recipients should the federal appropriation require the state to provide additional subsidy for disadvantaged communities. The amount of principal forgiveness will be determined by calculating the percentage of the median household income of the potential loan recipient (LR) versus the median household income of the State of Mississippi ($36,311). A range of MHI income and a percentage of subsidy are as follows:

90% < LR MHI < 100%	- 15% Principal Forgiveness
80% < LR MHI < 90%	- 25% Principal Forgiveness
70% < LR MHI < 80%	- 35% Principal Forgiveness
LR MHI < 70%	- 45% Principal Forgiveness

This principal forgiveness will be extended to projects until all FY-2012 mandated subsidy funds are obligated to projects. The amount of principal forgiveness (PF) given will be assigned at loan award and will not change after the project goes to the bid phase. Additionally, due to the limited amount of principal forgiveness funds, the maximum amount of principal forgiveness funds a loan recipient can receive for a project will be set a $500,000. Once subsidy funds are depleted, only standard loans will be made with DWSIRLF funds. Median household incomes to be used in the calculations will be those displayed in the publication "The Sourcebook of Zip Code Demographics", Twenty-third

Edition. Where the affected community is included in more than one zip code area, an average will be used for the community's median household income. In the event that an awarded loan recipient elects to decline their loan that includes principal forgiveness funds, those funds will be reallocated to other FY-2012 awarded projects that were eligible for principal forgiveness. The returned principal forgiveness funds will be allotted based on the individual loan recipient's initial FY-2012 loan amount as a percentage of the total loan amount awarded during FY-2012. That loan recipient's percentage will be used to multiply the amount of remaining unobligated principal forgiveness funds. The resulting additional principal forgiveness amount will be added to the Loan Recipient's initial principal forgiveness amount made at the loan recipient's initial loan award. The formula is as follows:

$$\frac{\text{Loan Recipient's (LR)(FY-2012) Amount}}{\text{Total FY-11 Loans Awarded to LRs receiving PF}} = \text{\% of Total FY-2012 Loans Made to LR with PF}$$

$$\text{\% of Total FY-12 Loans Made} * \text{Remaining Unobligated PF for LR with PF} = \text{Added PF to Recipients}$$

B. Priority System Categories

Project categories are defined below. Projects in Category I will be funded each year to the extent the Board makes funds available. Projects in Categories II through XI are ranked in priority order; that is, all Category II projects are ranked higher than Category III projects, etc. Ranking is established in like manner through all remaining categories. Adjustments will be made as necessary to comply with small community set-aside provisions of the Federal SDWA and as established by the Board [Section 1542(a)(2) of SDWA]. As stated previously, the order of Categories II - XI is intended to give highest priority to those projects that address the most serious risks to human health. Projects within each category will be ranked as described in Section C.

1. *Category I - Segmented Projects*
   This category of projects includes any remaining segments of projects that previously received funding for an integral portion of that project, and are necessary for the entire project to be functional. Projects will be funded under this category in order of their regular priority ranking provided they meet the deadlines established in Section D.

   In order to maintain continuity, the Board intends to make some amount of funds available for each ongoing-segmented project. Preference in the amount of funds to be provided will be given to the projects that received the earliest loan award for their initial segment.

9. *Category II - Previous Year Certified Projects*

Priority for this category will be given to the previous year Category II projects to the maximum extent practicable. This category of projects includes projects that: (1) were listed immediately below the funding line on the previous year's Priority List within an amount of approximately 25% of that year's total available funds; (2) met all Priority System deadlines in the previous fiscal year; and (3) were not funded due to lack of DWSIRLF funds or did not receive an assurance of CDBG, ARC, RUS, or other match funding in the previous fiscal year. Within this category, projects will be ranked according to the current Priority Ranking Criteria.

10. *Category III - Primary Drinking Water Standards*
    This category includes projects to facilitate compliance with Primary Drinking Water Standards. To qualify for this category, projects must correct deficiencies resulting in non-compliance with the primary drinking water standards. Depending on the nature of the project, additional treatment requirements may be necessary as part of the proposed project.

11. *Category IV - One Well*
    This category includes projects to provide neither additional water supply to systems that have neither a backup well nor an MSDH-approved emergency tie-in to another system to ensure safe drinking water; thereby protecting the health of the existing population. Depending on the nature of the project, additional treatment requirements may be necessary as part of the proposed project.

12. *Category V – Pressure Deficiencies*
    This category includes projects to correct documented deficiencies that result in existing systems routinely failing to maintain minimum acceptable dynamic pressure. Experience has shown that failure of water systems to maintain minimum acceptable dynamic pressure is the major cause of system contamination in Mississippi. System contamination that results from inadequate water system pressure is considered by the MSDH to be one of the most serious drinking water-related threats to public health in Mississippi

13. *Category VI - Source Water Protection Projects*
    This category includes projects to manage potential sources of contaminants/pollutants and/or prevent contaminants/pollutants from reaching sources of drinking water. To be eligible for loan participation, potential contaminants/pollutants and source water protection areas must have been identified in the public water systems Source Water Assessment Plan Report (SWAPR) prepared by the Mississippi Department of Environmental Quality's Groundwater Planning Branch (DEQ-GPB). If the public water system has not received its SWAPR from the DEQ-GPB yet, or has documentation that may change its SWAP, it shall provide in the facilities plan suitable documentation of potential sources of contaminants/pollutants that is acceptable to the DEQ-GPB before the project will be deemed eligible.

The projects will be ranked: first in order of the highest source water classification that would be negatively impacted by source water contaminants; secondly, within each classification in order of the public water systems susceptibility assessment ranking as determined by the DEQ-GPB; and thirdly, within each susceptibility assessment ranking in order of the highest number of connections served by the public water system. Source water classifications will be ranked in the following order: surface water sources; shallow (generally ≤ 300' in depth) unconfined water wells; shallow (generally ≤ 300' in depth) confined water wells; and deep confined water wells.

14. *Category VII - System Capacity Expansion To Serve Existing Unserved Residences/Businesses*
This category includes projects to either expand existing system capacity or construct a new drinking water system to ensure safe drinking water (source, treatment and/or distribution) to serve existing residences/businesses in currently unserved areas.

15. *Category VIII - Back-up Water Supply Sources Projects*
This category includes projects to provide additional supply to systems with insufficient back-up water supply sources to ensure safe drinking water, and thereby protect the health of the existing population. As a minimum, a system using ground water should be able to lose any one of the wells supplying the system and still maintain minimum acceptable dynamic pressure throughout the entire system.

9. *Category IX – Existing Facilities Upgrades (Meeting Primary Standards)*
This category includes projects to rehabilitate, replace, protect or upgrade deteriorated, worn, aged or obsolete equipment, facilities, etc., to assure continued, dependable operation of water systems where such systems are already meeting Primary Drinking Water Standards. Depending on the nature of the project, additional treatment requirements may be necessary as part of the proposed project.

10. *Category X - Fluoride Addition*
This category is for projects that either rehabilitate existing fluoride treatment facilities at well or treatment plant sites, or add new facilities to existing well or treatment plants.

11. *Category XI - Secondary Drinking Water Standards Projects*
This category includes projects to provide treatment that brings systems into compliance with Secondary Drinking Water Regulations. Depending on the nature of the project, additional treatment requirements may be necessary as part of the proposed project.

12. *Category XII – Consolidation Projects*

This category includes projects to consolidate separate systems into a single system for purposes other than those related to Categories II through IX. Consolidation will also be considered in establishing priority ranking within all categories, as described in the Priority Ranking Criteria in Section C.

13. *Category XIII – Other*
    This category includes projects that do not meet the criteria of any other listed category, and have been determined loan eligible in accordance with the DWSIRLF loan program regulations.

C. Priority Ranking Criteria

The criteria for ranking projects within each category is intended to give priority to projects that: (1) benefit the most people per dollar expended; (2) assist systems most in need on a per household affordability basis as required by the SDWA (3) use consolidation with other systems to correct existing deficiencies and improve management; (4) take into consideration the system's current capacity; (5) encourages participation in short-term and long-term technical assistance programs; and (6) encourages participation in the Drinking Water Needs Survey. These considerations are addressed by the Priority Ranking Criteria in the following manner:

2. *Benefit/Cost*
   Benefit/Cost points assigned to each project will be determined using the following formula:

   $$\textit{Benefit/Cost Points} = \frac{\textit{Number of benefiting connections}}{\textit{Total eligible cost of improvements (in \$1.0 millions)}}$$

   The number of benefiting connections must be included in the facilities plan submitted by the applicant; be defined as the sum of individual connections **currently experiencing deficiencies that will be corrected by the improvement;** and includes only existing residences, businesses, and public buildings. Applicants must furnish information (including hydraulic analysis, if necessary) to support their estimate of the number of benefiting connections. The total eligible cost is in millions of dollars (i.e., $800,000 = $0.8 M).

2. *Affordability Factor*
   An affordability factor will be assigned to each project to reflect the relative needs of applicants on a per household basis. The Benefit/Cost points calculated in Section C.1. will be adjusted using the affordability factor in the following formula:

   Adjusted Benefit/Cost Points = (Affordability Factor) x (Benefit/Cost Points)

The affordability factor used in the calculation is defined as the ratio of the 2009 median household income for the State of Mississippi ($36,322) to the 2009 median household income for the affected community and will be no less than 1.0 and no greater than 1.5. Median household incomes to be used in the calculations will be those displayed in the publication "The Sourcebook of Zip Code Demographics", Twentieth Edition or from the publisher's website at http://www.esribis.com/reports/ziplookup.html. Where the affected community is included in more than one zip code area, an average will be used for the community's median household income.

3. *Consolidation*
   Any project that includes consolidation (ownership and management) of separate existing systems into a single system will receive consolidation points equal to 0.5 times the Adjusted Benefit/Cost points assigned to the project. The purpose of assigning consolidation points is to promote reliability, efficiency and economy of scale that can be achieved with larger water systems while discouraging the proliferation of numerous separate small systems with their inherent inefficiencies and limitations. Projects, in any priority category, that do not include consolidation will receive zero consolidation points in the final calculation of total priority points.

   Consolidation Points = 0.5 x (Adjusted Benefit/Cost Points)

4. *System Capacity*
   Any project that includes scope of work to address critical design capacity issues (systems that are currently overloaded or within two (2) years of reaching their current design capacity, as determined by MSDH) will receive additional priority points equal to 25% of the Adjusted Benefit/Cost points assigned to the project. Documentation of the system capacity analysis and recommendations to address the design capacity issues must be addressed in the facilities plan to be eligible for these additional priority points.

   System Capacity Points = 0.25 x (Adjusted Benefit/Cost Points)

5. *Participation in Short-Term & Long-Term Assistance Programs*
   The MSDH, with the Board's approval, has contracted with Community Resources Group (CRG) to provide both short-term and long-term assistance to designated water systems in the state based on their scores on the latest Capacity Assessment Form (CAF). This assistance is provided at no cost to the water systems.

   Participation by the water systems in these assistance programs is voluntary. However, any water system that has participated in either of these assistance programs within the past two years will be eligible to receive additional priority points equal to 5% of their Adjusted Benefit/Cost Points. Water systems that have implemented all of the recommendations made by CRG will receive

additional priority points equal to 5% of their Adjusted Benefit/Cost Points for a total of 10%. Documentation of participation in either of these assistance programs and implementation of the recommendations made by CRG must be included in the facilities plan before additional priority points will be granted.

*Assistance Points = __*__ x (Adjusted Benefit/Cost Points)*

* *5% if the water system participates in the assistance, or 10% if the water system participates in the assistance and implements all recommendations*

6. *Participation in the EPA or MSDH Drinking Water Needs Survey*
   Any water system that participated in the most recent MSDH Public Water Supply Improvements Needs Survey or the EPA Drinking Water Needs Survey by satisfactorily completing and returning this form to MSDH will be eligible to receive additional priority points equal to 10% of their Adjusted Benefit/Cost Points.

   Needs Survey Points = 0.10 x (Adjusted Benefit/Cost Points)

7. *Ranking Within Each Category*
   Within each category, projects will be ranked in order based on the total points assigned the project using the following formula:

   Total Priority Points = Adjusted Benefit/Cost Points + Consolidation Points + System Capacity Points + Assistance Program Points + Needs Survey Points

   Projects receiving the most priority points will be given the highest ranking on the Priority List. In case of a tie in the number of priority points, projects with the lowest median household income will receive the highest ranking.

8. *Small Community Set-Aside*
   Following completion of the ranking process, the Priority List will be reviewed to determine if at least 15% of available funding for projects above the funding line is for public water systems which regularly serve fewer than 5,000 people, which the Board has defined as a small community for the purposes of this set-aside. If this is not the case, the Priority List will be adjusted by exchanging the lowest ranking projects above the funding line that serve 5,000 or more with the highest ranking projects below the funding line that serve fewer than 5,000, until the 15% requirement is satisfied.

   It is anticipated that approximately 20.4% of all available DWSIRLF funds will be awarded to small communities with populations of 5,000 or less in FY-2012. No small communities that met the September 30, 2010, deadline for submitting a facilities plan were left off the fundable portion of the FY-2012 Priority List.

Results to Date: Through the last fourteen (15) years of the DWSIRLF program (FY-97 through FY-11) the program has averaged 36.7% of the total available funds being awarded to small communities (population less than 10,000 as defined in the SDWA). During the same timeframe, 41.8% of all funds awarded went to small communities less than 10,000 population. In FY-2011, 41.8% of all available DWSIRLF funds were awarded to small communities with populations less than 10,000.

~~9. *Green Infrastructure Requirements*~~
~~Funds from the FY-2012 Capitalization Grant have the stipulation that not less than 20 percent of the funds appropriated for the Revolving Funds shall be designated for green infrastructure, water efficiency improvements or other environmentally innovative projects. To achieve this potential requirement, projects with higher rankings may be bypassed in order for the state to achieve this non-negotiable federal requirement~~.

D. Priority System Deadlines

1. By October 1, 2011, a complete DWSIRLF facilities plan, prepared in accordance with the DWSIRLF loan program regulations, must be submitted to the MSDH.* A complete DWSIRLF facilities plan includes: all IGR agency comments; proof of publication of advertisement for public hearing; a transcript of the public hearing comments; copies of any comments received from the public; and a summary of how each comment was addressed. The loan applicant should also submit one copy of the facilities plan to the Rural Utilities Service (RUS), if the loan applicant has existing debt with RUS, along with a request for their approval to incur this additional debt.

   Any significant changes made to the facilities plan (i.e., changes in the chosen alternative location of the facility, cost increases that substantially affect the financial capability of the loan recipient) after this date will be considered a first submittal of the facilities plan. The loan applicant will then be considered to be in violation of the Priority System deadline and the project will be placed on the planning portion of the priority list. If the change is made after adoption of the IUP, funds reserved for this project may be released and made available to other projects. This deadline also applies to all projects competing for released funds during FY-2012 and to be able to qualify for the Previous Year Certified Projects Category in the FY-2012 IUP.

2. By May 1, 2012, a completed DWSIRLF loan application and all associated documents as described in the DWSIRLF regulations must be submitted to the Department. Prior to preparing these documents, the potential applicant and/or its registered engineer must request and receive a DWSIRLF application and guidance. *It* is recommended that they request a pre-application conference with

DWSIRLF staff as early in the application process as practical. This deadline also applies to all projects competing for released funds during FY-2012 and to be able to qualify for the Previous Year Certified Projects Category in the FY-2012 IUP.

3. By August 1, 2012, all approvable documents and responses to comments necessary for loan award must be submitted to the Department for its review and approval. This deadline also applies to all projects competing for released funds during FY-2012 and to be able to qualify for the Previous Year Certified Projects Category in the FY-2012 IUP.

   * **All projects submitting a complete or draft facilities plan to date have been included on the fundable portion of the Priority List.**

XV. FY-2012 Priority List

FINAL

Fiscal Year – 2012 Program Priority List
Mississippi Drinking Water Systems Improvements Revolving Loan Fund

~~Category I: Segmented Projects~~

~~Project~~	~~Project Description~~	~~Zip Code~~	~~Priority Points~~	~~Service Area Population~~	~~Eligible PF**~~	~~Green Project~~	~~Loan Amount Requested~~	~~Statewide Cum. $~~
~~Hilldale Water Association, Inc~~	~~Treatment Plant~~	~~39180~~	~~861~~	~~5400~~	~~$0~~		~~$2,091,000~~	~~$2,091,000~~

Category II: Previous Year Certified Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
West Jackson County Utility	Rehab Water System/Install New Meters	39566	4842	16000	$0	$0	$1,900,000	$1,900,000

Category III: Primary Drinking Water Standards Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
~~Greenwood Utilities~~	~~Rehab Existing North Well~~	~~38930~~	~~226482~~	~~18500~~	~~$16,380~~		~~$46,800~~	~~$2,137,800~~
Columbia, City of	Upgrade Distribution System	39429	2374	6600	$500,000		$1,732,875	$3,663,240
Central Yazoo Water Association	New Well/Upgrading Distribution Lines	39194	650	8000	$377,394		$1,509,574	$5,663,240
Good Hope Water Association	Water and Distribution System Improvements	39421	637	2286	$500,000		$2,029,865	$7,172,814
Port Gibson, City of	Water System Improvements	39151	465	3230	$500,000		$3,589,600	$10,762,414

Category IV: One Well Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Hiwannee Water Association	New Well	39367	645	6400	$221,375		$632,500	$11,394,914

Category V: Pressure Deficiencies Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Greenwood Utilities	New NE .5 MG Elevated Tank	38930	4946	18500	$500,000		$2,198,000	$13,592,914
Greenwood Utilities	New NW Well/.5 MG Storage Tank/Pumping Station	38930	4331	18500	$500,000		$2,510,000	$16,102,914
Clayton Village Water Association,	New Generator/Upgrade Existing System	39759	4184	5000	$137,550		$393,000	$16,495,914
Lampton Water Association	Replace Meters/95,000 LF of Water Mains/Ph.	39429	740	2400	$491,400		$1,404,000	$17,853,575
Wiggins, City of	Upgrade Water Distribution System	39577	596	5038	$500,000		$3,107,500	$19,850,110

Lampton Water Association	Replace Meters/95,000 LF of Water Mains/Ph.	39429	740	2400	$491,400	$0	$1,404,000	$21,254,110

Category VII: System Capacity Expansion to Serve Existing Unserved Residences/Businesses

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Mendenhall, City of	Installation of 8" PVC	39114	5740	2555	$33,225		$221,500	$21,475,610
Nicholson Water & Sewer Assn.	Installation of Approx. 10,400 L.F. of Water Main	39463	82	3500	$270,450		$1,803,000	$23,278,610

Category VIII: Back-up Water Supply Sources Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Greenwood Utilities	NW Installation of 12"Pipeline	38930	15755	18500	$241,500		$690,000	$23,968,610
Greenwood Utilities	Well Relocation	38930	12079	18500	$315,000		$900,000	$24,868,610
Winona, City of	New Water Well	38967	6515	5800	$140,875	$0	$402,500	$25,271,110
---------- Funding Line $28,335,960 ----------								
Greenwood Utilities	New 1 MG Elevated Storage Tank	38930	3440	18500	$500,000		$3,160,000	$28,431,110
Conehoma Water Association	New 100,000 Gal Elevated Tank/2 Generators	39090	2473	2700	$243,500		$974,000	$29,405,110
Madison, City Of	Construct a New 1000-2000 GPM Water Supply	39110	2008	13986	$0		$2,321,250	$31,726,360
Madison, City of	Construction of New 1 Million Gallon Storage Tank	39110	1860	13986	$0		$2,506,950	$34,233,310
~~Hilldale Water Association, Inc~~	~~300,000 Gal. Elevated Tank~~	~~39180~~	~~1520~~	~~5400~~	~~$0~~		~~$1,184,490~~	~~$36,143,404~~
Mendenhall, City of	New 500 GPM Well/250,000 Gal Elevated Tank	39114	1512	2555	$138,750		$925,000	$35,158,310
Hazelhurst, City of	Construct 2 New Well & Lines/Facil Improvements	39083	1412	4400	$375,000		$1,500,000	$36,658,310

Category IX: Existing Facilities Upgrade (Meeting Primary Standards)

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Grenada, City of	2 500 GPM Wells/500,000 Gallon Elevated Tank	38901	4391	22951	$500,000	$0	$2,202,700	$38,861,010
~~Hilldale Water Association, Inc~~	~~Pressure Filters Replacement~~	~~39180~~	~~3863~~	~~5400~~	~~$0~~		~~$466,000~~	~~$42,211,104~~
Brandon, City of	Raise Existing Elevated Tanks	39042	1864	24000	$0	$0	$1,800,000	$40,661,010
Tchula, City of	Water System Improvements	39169	967	2096	$453,600	$0	$1,008,000	$41,669,010
Little Creek Water Association	10,000 Gal Tank/Upgrade Existing Facilities	39456	953	500	$65,728	$0	$262,910	$41,931,920
Coldwater, Town of	New Well, Distribution Main	38618	624	1805	$0	$0	$1,127,690	$43,059,610
Webb, Town of	New Well/Rehab Existing Wells and Distrub. System	38966	150	587	$555,359	$0	$2,221,437	$45,281,047
Jackson, City of	Capitol Street Rehab/Replacement	39201	61	177977	$500,000	$0	$3,461,193	$48,742,240

Category XIII: Other

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Columbus Light and Water	Installation of Automatic Water Metering System	39703	10819	30000	$0	$0	$952,000	$49,694,240
NTS Utility Assoc.	Radio Read Meters	39307	4390	5700	$0	$0	$432,845	$50,127,085
NTS Utility Assoc.	Replacement Well	39307	2782	5700	$0	$0	$683,004	$50,810,089
Pontotoc, City of	Radio Read Meters	38863	2315	5700	$139,331	$928,872	$928,872	$51,738,961

* Funding Line indicates available funds based on the full FY-2012 Federal Capitalization Grant supplied by the EPA, required state match, and repayments equaling $28,335,960 ~~$24,534,101~~.

** Currently, the requirements of additional subsidization are unknown. Once the final federal appropriation with related requirements is made, additional modifications will be made to the priority system and ranking to integrate the federal requirements as necessary.

Funding Sources

PF – Principal Forgiveness – Method of Subsidization the state has elected to use.
CPF – Cumulative Principal Forgiveness; CGI – Cumulative Green Infrastructure

Green Infrastructure Project Codes

E – Energy Efficiency, W – Water Efficiency, G – Green Infrastructure, EI – Environmentally Innovative
Green projects are projects that provide benefits in the form of increased energy efficiency, increased water efficiency, added green infrastructure, and/or are environmentally innovative. Projects currently listed as Green Infrastructure are based on information supplied in submitted facility plans. This determination of Green Infrastructure will be based on guidelines supplied by the Environmental Protection Agency. Additionally, projects with higher rankings maybe by-passed by lower ranked projects in order to meet and estimated goal of 20% goal for “Green Infrastructure” from both federal appropriations.

DRAFT

Fiscal Year - 2013 and After Planning List
Mississippi Drinking Water Systems Improvements Revolving Loan Fund

(Projects included on the Planning List did not meet the September 30, 2011, deadline for submission of a complete facilities plan, or had multiple requests and asked to be placed on the Planning List. These projects have been ranked on the Planning List based on information provided on the Request for Ranking Form. A determination of project eligibility cannot be completed until the facilities plan has been submitted and reviewed.)

Category I: Segmented Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Hilldale Water Association, Inc	Treatment Plant	39180	861	5400	$0		$2,091,000	$2,091,000

Category III: Primary Drinking Water Standards Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Wayside Water Association, Inc.	Installation of Treatment Facilities	38756	1439	2200	$152,500		$610,000	$610,000
Black Bayou Water Association, Inc.	Installation of Treatment Facilities	38756	683	5000	$213,500		$610,000	$1,220,000
Swiftwater Development	Installation of Treatment Facilities	38756	599	9000	$152,500		$610,000	$1,830,000
Bude, Town of	New Well/Water System Improvements	39630	400	1016	$500,000		$1,643,000	$3,473,000
Symonds Water Association	Various Improvements	38769	150	168	$180,180	$0	$400,400	$3,873,400

Category IV: One Well Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Baldwyn, City of	100,000 GAL Tnk/Well/Generator/W. Main/1 acre	38824	2131	3325	$133,530	$0	$890,200	$6,854,600
Central Rankin Water Association	New Well and Appurtenances	39176	1380	3400	$0		$710,000	$7,564,600
Duffee Water Assoc.	Backup Well	39337	1370	2000	$82,409		$549,393	$8,113,993
North Hinds Water Association	Well, Elevated Tank, & Distribution Improvements	39071	1084	9000	$0		$1,845,000	$9,958,993
Broadmoor Utilities	Well and Generator	39120	979	1400	$149,112		$596,450	$10,555,443
Rose Hill Water Association	Well and Distribution	39356	870	1500	$273,000		$780,000	$11,335,443
Enterprise, Town of	New 1,000 GPM Well	39330	328	1002	$398,750		$1,595,000	$12,930,443
Double Ponds Water Association	Wells, Treatment Plant Rehab, Tank Rahab, Dist.	39474	300	3300	$500,000		$4,524,000	$17,454,443
Wautubbee Water Association	New Well	39330	213	545	$256,750		$1,027,000	$18,481,443
Monticello, Town of	Water System	39654	139	1800	$500,000	$0	$5,500,000	$23,981,443

Category V: Pressure Deficiencies Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Carthage, City of	Upgrade Booster Station's Controls	39051	103189	4637	$5,000		$20,000	$24,001,443
Carthage, City of	Upgrade and Replace Water Mains, Booster	39051	8255	4637	$67,500		$270,000	$24,271,443
Natchez, City of	New 500,000 Ga. Tank/Distribution Lines	39120	5979	18340	$418,950		$1,675,800	$25,947,243
Forest, City of	Rehab Existing Storage Tank	39074	2535	5968	$283,750		$1,135,000	$27,082,243
Aberdeen, City of	400 GPM Well/100,000 Gal. Elev.Tank/Rehab Lines	39730	2316	6415	$370,487		$1,481,949	$28,564,192
Forest, City of	New 900 GPM Well	39074	1799	5968	$400,000		$1,600,000	$30,164,192
Horn Lake, City of	New Well & Auto Read Meters/New Water Line	38637	1792	14545	$0	$0	$3,006,679	$33,170,871
Evergreen Water Association, Inc.	Upgrade Existing Facilities	39043	1650	3200	$0		$500,000	$33,670,871
~~Pontotoc, City of~~	~~Install New Water Mains/Radio Read Meters~~	~~38863~~	~~1262~~	~~5700~~	~~$255,493~~		~~$1,703,288~~	~~$33,930,820~~
Center Water Association	New Well and Tank/Upgrade Select Water Mains	39426	1199	8800	$0	$0	$1,835,000	$35,505,871
Ridgeland, City of	New 1,600 GPM Well/500,000 Gallon Tank	39158	491	24000	$0		$3,434,404	$38,940,275
Ridgeland, City of	Two 1,600 GPM Ser. Pumps/Rehab Current System	39158	348	24000	$0		$4,840,000	$43,780,275
Glendora, Village of	100,000 Gal Storage Tank Upgrade Current System	32928	154	500	$351,000		$780,000	$44,560,275
Sumrall, Town of	Installation of 12 inch Water Mains	39482	90	1148	$151,200		$1,008,000	$45,568,275

Category VI: Source Water Protection Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Abbeville Water Association	Water System Consolidation	38601	1653	1000	$50,000	$0	$200,000	$45,768,275

Category VII: System Capacity Expansion to Serve Existing Unserved Residences/Businesses

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Batesville, City of	Installation of Water lines	38606	31582	7600	$37,500		$125,000	$45,893,275
Batesville, City of	Installation of Water Lines	38606	26319	7600	$37,500		$150,000	$46,043,275
Batesville, City of	Rehab/Replacement of Existing Facilities	38606	14356	7600	$68,750		$275,000	$46,318,275
Batesville, City of	Rehab Existing Facilities	38606	11279	7600	$87,500		$350,000	$46,668,275
Batesville, City of	Rehab Existing Facilities	38606	9629	7600	$102,500		$410,000	$47,078,275
Gautier, City of	Well and Elevated Tank	39553	6631	18850	$0		$1,421,300	$48,499,575
Batesville, City of	500,000 Gallon Elevated Tank	38606	5264	7600	$187,500		$750,000	$49,249,575
Brookhaven, City of	Install Water Main/Rehab Existing Facilities	39602	1221	13300	$500,000		$3,925,130	$53,174,705
Enterprise, Town of	250,000 Elevated Storage Tank	39330	448	1002	$291,250		$1,165,000	$54,339,705
Macon, City of	New Well, Elevated Tank and Treatment Facility	39341	74	550	$500,000		$4,095,250	$58,434,955
Poplarville, City of	Replace Water Lines/Mains	39470	71	2600	$157,617		$1,050,785	$59,485,740

Category VIII: Back-up Water Supply Sources Projects

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Batesville, City of	Rehab Existing Infrastructure	38606	7896	7600	$125,000		$500,000	$59,985,740
Batesville, City of	New 750 GPM Well	38606	7896	7600	$125,000		$500,000	$60,485,740
Clinton, City of	New Well & Distribution Lines	39060	4673	26000	$0		$1,818,909	$62,304,649
Ridgeland, City of	1,600 GPM Potable Water Well	39158	3663	24000	$0		$2,189,300	$64,493,949
Woodville, Town of	Upgrade Water Treatment Facility	39669	3647	3681	$227,070		$504,600	$64,998,549
Nanih Waiya Water Association	Installation of Drive by Meters	39339	3018	1350	$34,375	E,W $137,500	$137,500	$65,136,049
Magee's Creek W/A	Construct New 150,000 Gal. Tank/Treatment Plant	39667	2785	7992	$438,550	$0	$1,253,000	$66,389,049
Hilldale Water Association, Inc	300,000 Gal. Elevated Tank	39180	1520	5400	$0		$1,184,490	$67,573,539
Marion, Town of	New 800 GPM Well/New Generator	39342	1222	2000	$371,855		$826,345	$68,399,884
Richton, Town of	New 500 GPM Well	39476	1019	1038	$115,218		$768,125	$69,168,009
Ocean Springs, City of	Replacement of Water Lines	39564	876	17225	$0		$2,283,800	$71,451,809
Bay Springs, Town of	New 1,000 GPM Well/300,000 Gal. Tank	39422	717	2000	$340,010		$1,360,040	$72,811,849
Horn Lake, City of	New Well and Tank/Upgrade Existing Facilities	38637	485	1500	$0		$2,474,600	$75,286,449
Marion, Town of	600 GPM Tr. Facil/600 GPM Well/Generator	39342	367	2000	$500,000		$2,748,800	$78,035,249
Union Water Association	New Well and Pipe Installation	39151	346	770	$0		$635,000	$78,670,249

Category IX: Existing Facilities Upgrade (Meeting Primary Standards)

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Carthage, City of	Backup Generator	39051	20638	4637	$25,000		$100,000	$78,770,249
Carthage, City of	Install Generator/Upgrade Existing Facilities	39051	12140	4637	$42,500		$170,000	$78,940,249
Ridgeland, City of	Water Line Relocation	39158	10108	24000	$0		$793,400	$79,733,649
Collins, Town of	Water Line Replacement	39428	9961	4000	$48,664		$139,040	$79,872,689
Collins, Town of	Water Line Replacement	39428	8766	4000	$55,300		$158,000	$80,030,689
Collins, Town of	Water Line Replacement	39428	8766	4000	$55,300		$158,000	$80,188,689
West Point, City of	Upgrade SCADA/Chlorine Analyzer/Paint 5 Tanks	39773	7049	16500	$217,500		$870,000	$81,058,689
DeKalb, Town of	Rehabilitation of Elevated Tank	39328	4523	972	$63,000		$180,000	$81,238,689
Lumberton, City of	Replace/Upgrade Water Mains	39455	2440	2228	$276,975		$1,107,900	$82,346,589
Mount Olive, Town of	Replacement of Water Lines	39119	2348	1000	$80,962		$231,320	$82,577,909
Kokomo-Shiloh Water Association	New 400GPM Well/Rehab/Upgrade of Existing	39643	1202	2500	$306,250		$875,000	$83,452,909
Alcorn Co. Water Association	300,000 Gal Storage Tank/upgrade Facilities	38834	1187	6500	$190,965		$1,273,101	$84,726,010
Alcorn Co. Water Association	Renovate Elevated tanks/Replace Water Lines	38834	1155	6500	$130,938		$872,920	$85,598,930
Bolton, Town of	Rehab 60,000 GPM Tank/Existing Facilities	39041	1133	660	$0		$285,204	$85,884,134
Greenville, City of	Ugrade Existing Well	38701	802	49000	$500,000	$0	$2,850,000	$88,734,134

Prentiss-Alcorn Water Association	A New Well Treatment Facil./Renov Ex.Treat. Facil	38865	715	2500	$0		$1,259,550	$89,993,684
L.F. Water Association	New Well/Elevated Tank	39098	688	2150	$250,000		$1,000,000	$90,993,684
Edwards, Town of	Construction of Ozone Treatment Facility	39066	449	1980	$235,500		$1,570,000	$92,563,684
Pelahatchie, Town of	Rehab Existing Facilities	39145	159	1484	$0		$2,436,000	$94,999,684
Long Beach, City of	Upgrade Distribution System	39560	127	15000	$0	$0	$316,180	$95,315,864
~~Lumberton, City of~~	~~Replace/Upgrade Water Mains~~	~~39455~~	~~1~~	~~2228~~	~~$276,975~~		~~$1,107,900~~	~~$96,612,760~~

Category XII: Other

Project	Project Description	Zip Code	Priority Points	Service Area Population	Eligible PF**	Green Project	Loan Amount Requested	Statewide Cum. $
Meridian, City of	Sludge Removal System	39525	11692	45000	$189,000		$1,260,000	$96,575,864
Magee, City of	Install New Treatment Equipment	39111	4856	4500	$98,750		$395,000	$96,970,864
South Quitman County Utilities	New Well Construction	38921	461	394	$358,435	$0	$1,024,100	$97,994,964

**Currently, the requirements of additional subsidization are unknown. Once it has been determined by the final federal appropriation, additional modifications will be made to the priority system and ranking to integrate the federal requirements as necessary.

Funding Sources

PF – Principal Forgiveness – Method of Subsidization the state has elected to use.

DW – Drinking Water System Improvement Revolving Loan Fund – includes repayments, interest and FY-2012 Capitalization Grant.

Green Infrastructure Project Codes

E – Energy Efficiency, W – Water Efficiency, G – Green Infrastructure, EI – Environmentally Innovative

Green projects are projects that provide benefits in the form of increased energy efficiency, increased water efficiency, added green infrastructure, and/or are environmentally innovative. Projects currently listed as Green Infrastructure are based on information supplied in submitted facility plans. This determination of Green Infrastructure will be based on guidelines supplied by the Environmental Protection Agency. Additionally, projects with higher rankings maybe by-passed by lower ranked projects in order to meet the 20% goal for “Green Infrastructure”.

FY-2012 Detailed Project List with Additional Information

Project Schedule						Project Assistance				Technical Information			
Project Listing	No.	Population of Service Area	BCD*	CSD*	CCD*	Assist. Type	Assistance Amount	Interest Rate	Repay Period	Initial Repay Date	Project Category +#	Priority Ranking	Cross-Cutter Equivalency Project
~~Hilldale Water Association, Inc~~	~~FY-2012 -1~~	~~5400~~	~~9/30/2012~~	~~10/30/2012~~	~~4/28/2013~~	~~Loan~~	~~$2,091,000~~	~~1.95~~	~~20~~	~~7/28/2012~~	~~1~~	~~861~~	~~Yes~~
West Jackson County Utility	FY-2012 -1	16000	5/30/2012	8/30/2012	8/28/2013	Loan	$1,900,000	1.95	20	11/28/2013	2	4842	Yes
~~Greenwood Utilities~~	~~FY-2012 -2~~	~~18500~~	~~8/1/2012~~	~~11/1/2012~~	~~1/30/2013~~	~~Loan~~	~~$46,800~~	~~1.95~~	~~20~~	~~4/30/2012~~	~~3~~	~~226482~~	~~Yes~~
~~Hazelhurst, City of~~	~~FY-2012 -3~~	~~4400~~	~~6/1/2012~~	~~3/1/2013~~	~~3/1/2013~~	~~Loan~~	~~$847,500~~	~~1.95~~	~~20~~	~~6/1/2011~~	~~3~~	~~3061~~	~~Yes~~
Columbia, City of	FY-2012 -2	6600	9/1/2012	6/1/2012	11/28/2012	Loan	$1,732,875	1.95	20	2/28/2013	3	2374	Yes
Good Hope Water Association	FY-2012 -3	2286	9/1/2012	6/1/2012	11/28/2012	Loan	$2,029,865	1.95	20	2/28/2013	3	813	Yes
Central Yazoo Water Association	FY-2012 -4	8000	2/1/2012	3/1/2012	11/6/2012	Loan	$1,509,574	1.95	20	2/6/2013	3	650	Yes
Port Gibson, City of	FY-2012 -5	3230	8/1/2012	4/1/2013	3/27/2013	Loan	$3,589,600	1.95	20	6/27/2013	7	465	Yes
Hiwannee Water Association	FY-2012 -6	6400	6/1/2012	8/1/2012	4/8/2013	Loan	$632,500	1.95	20	7/8/2012	4	645	Yes
Greenwood Utilities	FY-2012 -7	18500	8/1/2012	11/1/2014	11/1/2015	Loan	$2,198,000	1.95	20	2/1/2016	5	4946	Yes
Greenwood Utilities	FY-2012 -8	18500	8/1/2012	11/1/2012	10/31/2013	Loan	$2,510,000	1.95	20	1/31/2013	5	4331	Yes
Clayton Village Water	FY-2012 -9	5000	9/30/2012	11/1/2012	4/30/2013	Loan	$393,000	1.95	20	7/30/2012	5	4184	Yes
Pontotoc, City of	FY-2012 -10	5700	6/1/2012	11/1/2012	10/31/2013	Loan	$1,357,661	1.95	20	1/31/2013	5	1584	Yes
Wiggins, City of	FY-2012 -11	5038	5/1/2012	7/1/2012	4/12/2013	Loan	$1,996,535	1.95	20	7/12/2012	5	927	Yes
Lampton Water Association	FY-2012 -12	2400	9/1/2012	6/1/2013	2/26/2014	Loan	$1,404,000	1.95	20	5/26/2013	5	740	Yes
Mendenhall, City of	FY-2012 -13	2555	8/31/2012	10/1/2012	3/30/2013	Loan	$221,500	1.95	20	6/30/2011	7	5740	Yes
Nicholson Water & Sewer Assn.	FY-2012 -14	3500	6/1/2012	9/1/2012	2/28/2013	Loan	$1,803,000	1.95	20	5/28/2011	7	82	Yes
Greenwood Utilities	FY-2012 -15	18500	8/1/2012	11/1/2012	4/29/2013	Loan	$690,000	1.95	20	7/29/2012	8	15755	Yes
Greenwood Utilities	FY-2012 -16	18500	8/1/2012	11/1/2012	3/1/2013	Loan	$900,000	1.95	20	6/1/2013	8	12079	Yes
Winona, City of	FY-2012 -17	5800	9/30/2012	10/30/2012	4/28/2013	Loan	$402,500	1.95	20	7/28/2012	8	6515	Yes
---------- Funding Line $28,335,960 ~~$24,534,101~~ ----------													
Greenwood Utilities	FY-2012 -19	18500	8/1/2012	11/1/2013	11/1/2014	Loan	$3,160,000	1.95	20	2/1/2015	8	3440	Yes
Conehoma Water Association	FY-2012 -25	2700	1/1/2012	7/1/2012	10/29/2012	Loan	$974,000	1.95	20	1/29/2012	8	2473	Yes
Madison, City Of	FY-2012 -20	13986	9/30/2012	10/1/2012	3/29/2013	Loan	$2,321,250	1.95	20	6/29/2012	8	2008	Yes
Madison, City of	FY-2012 -21	13986	9/30/2012	10/1/2012	7/27/2013	Loan	$2,506,950	1.95	20	10/27/2012	8	1860	Yes
Mendenhall, City of	FY-2012 -23	2555	8/31/2012	10/1/2012	10/1/2013	Loan	$925,000	1.95	20	1/1/2012	8	1512	Yes
Hazelhurst, City of	FY-2012 -24	4400	6/1/2012	9/1/2012	9/1/2013	Loan	$1,500,000	1.95	20	12/1/2012	8	1412	Yes
Grenada, City of	FY-2012 -26	22951	4/30/2012	6/15/2012	2/10/2013	Loan	$2,202,700	1.95	20	5/10/2012	9	4391	Yes
Brandon, City of	FY-2012 -29	24000	1/15/2012	3/15/2012	9/11/2013	Loan	$1,800,000	1.95	20	12/11/2009	9	1864	Yes
Tchula, City of	FY-2012 -30	2096	7/1/2012	3/1/2013	11/26/2013	Loan	$1,008,000	1.95	20	2/26/2014	9	967	Yes
Little Creek Water Association	FY-2012- 31	500	4/1/2012	5/1/2012	7/30/2013	Loan	$262,910	1.95	20	10/30/2011	9	953	Yes
Coldwater, Town of	FY-2012- 32	1805	9/30/2012	11/1/2012	11/1/2013	Loan	$1,127,690	1.95	20	2/1/2013	9	624	Yes

Webb, Town of	FY-2012 -29	587	4/1/2012	7/1/2012	5/27/2013	Loan	$2,221,437	1.95	20	10/30/2013	9	150	Yes
Jackson, City of	FY-2012 -33	177977	8/20/2012	10/13/2012	1/26/2014	Loan	$3,461,193	1.95	20	4/26/2013	9	61	Yes
Columbus Light and Water	FY-2012- 34	30000	9/1/2012	10/1/2012	5/29/2013	Loan	$952,000	1.95	20	8/29/2012	12	10819	Yes
NTS Utility Assoc.	FY-2012- 35	5700	6/1/2012	8/1/2012	9/30/2012	Loan	$432,845	1.95	20	12/30/2011	13	4390	Yes
NTS Utility Assoc.	FY-2012- 36	5700	6/1/2012	8/1/2012	9/30/2012	Loan	$683,004	1.95	20	12/30/2011	13	2782	Yes
Pontotoc, City of	FY-2012- 34	5700	6/30/2011	7/31/2011	1/27/2012	Loan	$928,872	1.95	20	4/27/2012	13	2315	Yes
Small Sys. Tech Assist.	FY-2012- 35	N/A	10/1/2012	10/1/2012	9/30/2013	Grant	$172,438	0	20	N/A	14	N/A	N/A
Local Assist. & Other St. Program	FY-2012- 36	N/A	10/1/2012	10/1/2012	9/30/2013	Grant	$500,000	0	20	N/A	14	N/A	N/A
State Program Mgmt	FY-2012- 37	N/A	10/1/2012	10/1/2012	9/30/2013	Grant	$934,100~~$862,190~~	0	20	N/A	14	N/A	N/A
Administrative	FY-2012- 38	N/A	10/1/2012	10/1/2012	9/30/2013	Grant	$322,100	0	20	N/A	14	N/A	N/A
						Grand Total	$53,667,599~~$54,240,974~~						

- All of the above loan projects will require an environmental review in accordance with the State DWSIRLF regulation.
+ Project categories are defined in the Priority System on page 12 of this IUP. Category 14 is just for set-aside purposes and is not considered a –project category
* BCD = Binding Commitment Date CSD = Construction Start Date CCD = Construction Completion Date
** Funding Line 1 indicates available funds based on receiving the full amount of FY-2012 capitalization grant ($9,341,000 ~~$8,621,902~~).

XVI. Expected Public Health Outcomes & Performance Measures

The objective of this program is to disperse all available loan and grant funds in a timely manner in order to achieve the public health protection benefits resulting from the projects identified in the FY-2012 IUP, and to ensure compliance with loan agreements, as required by state and federal laws and regulations.

By implementing this FY-2012 IUP and funding projects shown on the FY-2012 Priority List (Section IV), the Board will have the means to plan for and fund projects that will address the most serious public health risks facing the public water supply systems in the state. Funding of the system projects will be determined by the amount of funding to be received for FY-2012. If the full capitalization grant occurs, the public health protection outcomes resulting from the funding of these projects on the priority list will be: 1) one system will continue with segmented projects necessary for their previously approved treatment plants and well projects to operate; 2) five systems will become compliant with primary drinking water standards; 3) two water systems will receive an additional water source; 4) five systems will make improvements to improve pressures; 5) three systems are seeking funding to construct distribution to serve previously un-served areas; 6) nine systems are seeking funding to provide back-up water supply; 7) eight systems are seeking funding to upgrade or rehabilitate existing facilities; 8) three project are attempting to seek funding for other eligible projects. The success of the DWSIRLF Loan Program will be defined by the ability of the MSDH to successfully meet commitments in the FY-2012 DWSRF Work Plan.

Additionally, the majority of the projects as proposed should have minimal impact on the environment due to the nature of their design. Twelve new wells are proposed which will increase the state's use of groundwater by a minimal amount. Three of the proposed projects will include the construction or rehabilitation of a treatment facility. Twenty-five of the proposed projects will provide improvements to existing distribution and storage of the water systems. Appropriate environmental reviews will occur and proper permitting through the Mississippi Department of Environmental Quality will be required to ensure minimal impact on the environment.

Appendices

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A. FY-2012 Assumed Available Funds Mississippi DWSRF Program

The following breakdown of funds is based on an estimated appropriation of $917,892,000 after applying the required national rescissions of 2.2% and a State Allotment formula of 1.04% for the Drinking Water SRF in Federal FY-2011.

FY-2012 National Title I DWSRF Appropriation		$	**917,892,000**
*Estimated Mississippi Allotment [section 1452(m)]		$	**9,341,000**
FY-2012 State Match Required (20% of Mississippi Allotment) [1]		$	1,868,200
Total			11,209,200
**FY-2011 Match Funds Available to Match a Portion of FY-2012 Cap Grant	+	$	655,211
FY-2012 Federal Funds Captured based on Available Match	+	$	3,276,055
FY-2012 Legislative Match Funds Anticipated to Match Remaining FY-2012	+	$	1,212,690
FY-2012 Federal Funds Captured based on Receipt of Anticipated Match	+	$	6,063,450
Total FY-2011 Federal and State Funds Available		$	11,207,406
Set-Asides from FY-2012 Appropriation			
***DWSRF Administrative Expenses [section 1452(g)(2) - 4%](taking 0%)	+	$	322,100
State Program Management [section 1452(g)(2)]	+	$	934,100
Small Systems Technical Assistance [section 1452(g)(2) - 2%]	+	$	186,820
Local Assistance and Other State Programs [section 1452(g)(2) - 15%]	+	$	500,000
Total FY-2012 Set-Asides		$	1,943,020
Total FY-2012 Federal & State Funds Anticipated to be Available for Obligation		$	11,207,406
Less FY-2012 Set-Asides	-	$	(1,943,020)
Total FY-12 Federal and State Funds Available for Loan Obligation			**9,264,386**
FY-2012 DWSRF Funds Projections			
Total FY-12Federal & State Funds Available for Loan Obligation	+	$	**9,264,386**
Unobligated Funds Carried Over from FY-2011 [2]	+	$	10,224,270
Anticipated Loan Repayments * 10/01/2011 - 08/31/12	+	$	9,257,352
Anticipated Interest on Fund * 10/01/20101- 08/31/12	+	$	589,952
Remaining FY-12 Loan Increase Reserve ($1.0M) [3]	-	$	(1,000,000)
Total FY-12 Funds Available for New Loan Awards			**28,335,960**
Funds Needed for Projects on the FY-12 Priority List	-	$	(51,738,961)
Remaining Funds Available Projects on FY-2012 Priority List			**(23,403,001)**

* This estimated number will be corrected once information is received from EPA. Mississippi will apply for the entire Cap Grant.
** The remaining FY-2012 State Match amount will be requested during the FY-2012 Legislative session
*** The Drinking Water Administrative Setaside is 4% of the yearly Cap Grant. Mississippi has chosen to take no money from the FY-2012 Cap Grant but will be taking the previously reserved FY-2003 administrative set-aside.

4. See Section IV.A.ii. – State Match Funds shown on page 6 of this IUP. If anticipated funds are not received as needed, additional funding lines will be drawn. As noted in Section VII, Funding Lines 1 & 2 will be in effect, if no additional match is provided, thus limiting funding toward project(s) meeting planning deadlines.

5. See page 33.

6. See page 7.

FY-2011
End of Year Funds Report
Mississippi DWSIRLF Program
October 1, 2011

The following breakdown of funds is based on an estimated actual appropriation of $963 million after applying 2.13% setasides and a State Allotment formula of 1.04%

FY-2011 National Title I DWSRF Appropriation		$	**963,070,000**
Mississippi Allotment [section 1452(m)]*		$	**9,802,000**
FY-10 State Match Required (20% of Mississippi Allotment)		$	1,960,400
Total Federal Allotment and Required State Match		$	11,762,400
**FY-2011 Receipt of Remaining Portion of FY-2010 State Match	+	$	69,152
FY-2010 Federal Funds Captured based on Anticipated Available Match	+	$	345,760
FY-2011 Receipt of FY-2011 State Match	+	$	1,960,400
FY-2011 Federal Funds Captured based on Anticipated Available Match	+	$	9,802,000
***Match to capture MS Operator Certification Grant Transfer to DWSIRLF	+	$	9,167
MS Operator Certification Grant Transfer to DWSIRLF	+	$	1,833
		$	**12,188,312**
FY-2011 Set-Asides			
****DWSRF Administrative Expenses [section 1452(g)(2) - 4%] (only 2%)	+	$	-
Small Systems Technical Assistance [section 1452(g)(2) - 2%]	+	$	196,040
State Program Management [section 1452(g)(2) - 10%]	+	$	980,200
Local Assistance and Other State Program [section 1452(g)(2) - 5.2% of 15%]	+	$	500,000
Total Set-Asides		$	**1,676,240**
Total FY-11 Federal and State Funds Available for Loan Obligation		$	**12,188,312**
FY-2011 Set-Asides	-	$	1,676,240
Total FY-11 Federal and State Funds Available for Loan Obligation			**10,512,072**
FY-11 DWSRF Funds Projections			
Total FY-2011 Federal and State Funds Available for Loan Obligation	+	$	**10,512,072**
*****Unobligated Funds Carried Over from FY-2010	+	$	8,161,591
Loan Repayments Deposited 10/1/10 - 9/30/11	+	$	10,098,929
Interest on Fund Deposited 10/1/10 - 9/30/11	+	$	643,584
Loan Decreases 10/1/10 - 9/30/11	+	$	192,338
Loan Increases 10/1/10 - 9/30/11	-	$	(1,975,571)
Remaining FY-2011 Loan Increase Reserve (originally $1.0m)	+	$	1,000,000
Total FY-2011 Funds Available for Loan Awards		$	**28,632,943**
FY-2011 Loan Awards Made	-	$	**(22,160,300)**
Balance of FY-2011 Funds Remaining			6,472,643
Funds Needed for Remaining Projects Funded on the FY-2011 Priority List	-	$	(26,680,699)
Excess Funds Available for New Projects in FY-2011			**-20,208,056**

*Mississippi applied for the entire capitalization grant during FY-2011.
**The remaining FY-2010 State Match amount was passed during the Spring, 2011 legislative session. Bond sale/deposit is expected to be Fall, 2011. Total amount approved by the FY-2011 legislature - $2,700,000. Total less insurance/discount costs will match

remainder of FY-2010 Grant, all or FY-2011 Grant and the $9,166.85 ERG Grant Funds transferred to the DWSRF.
*** Water Supply's ERG Grant ended with a balance remaining. EPA allowed those remaining funds to be transferred to the DWSRF. These funds must be matched by the state at the same rate as regular DWSRF Cap Grants.
****The Drinking Water Administrative Setaside is 4% of the yearly Cap Grant. Mississippi has chosen to not take this setaside from the FY-2011 Cap Grant.
*****The Unobligated funds carried over from FY-2010 now includes the declined loan amounts for Culkin Water District - $3,578,035, City of Flowood - $2,035,500, and Nicholson W/S - $1,825,828

B. Projected Schedule of Outlays

I. Projected Schedule for Projects

Projects	2Q FY-12	3Q FY-12	4Q FY-12	1Q FY-13	2Q FY-13	3Q FY-13	4Q FY-13	1Q FY-14	2Q FY-14	3Q FY-14	4Q FY-14	1Q FY-15	Totals
~~Hilldale Water~~	~~$0~~	~~$0~~	~~$59,500~~	~~$716,833~~	~~$986,000~~	~~$328,667~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$2,091,000~~
West Jackson County	$0	$0	$16,336	$476,773	$460,437	$460,437	$460,437	$25,580	$0	$0	$0	$0	$1,900,000
~~Greenwood Utilities~~	~~$0~~	~~$0~~	~~$1,500~~	~~$31,500~~	~~$13,800~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$46,800~~
~~Hazelhurst, City of~~	~~$0~~	~~$30,000~~	~~$224,178~~	~~$194,178~~	~~$194,178~~	~~$194,178~~	~~$10,788~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$847,500~~
Columbia, City of	$53,063	$324,188	$813,375	$542,749	$0	$0	$0	$0	$0	$0	$0	$0	$1,733,375
Good Hope Water	$57,250	$0	$1,011,933	$954,682	$0	$0	$0	$0	$0	$0	$0	$0	$2,023,865
Central Yazoo Water	$608,139	$507,057	$394,378	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,509,574
Port Gibson, City of	$0	$184,800	$989,800	$805,000	$805,000	$805,000	$0	$0	$0	$0	$0	$0	$3,589,600
Hiwannee Water	$0	$24,750	$164,670	$209,880	$209,880	$23,320	$0	$0	$0	$0	$0	$0	$632,500
Greenwood Utilities	$0	$0	$117,500	$440,185	$484,027	$484,027	$484,027	$188,234	$0	$0	$0	$0	$2,198,000
Greenwood Utilities	$0	$0	$150,000	$694,932	$544,932	$544,932	$544,932	$30,272	$0	$0	$0	$0	$2,510,000
Clayton Village Water	$0	$0	$14,000	$135,667	$182,500	$60,833	$0	$0	$0	$0	$0	$0	$393,000
Pontotoc, City of	$0	$0	$41,766	$466,746	$637,065	$212,084	$0	$0	$0	$0	$0	$0	$1,357,661
Wiggins, City of	$0	$61,876	$651,213	$589,337	$589,337	$104,772	$0	$0	$0	$0	$0	$0	$1,996,535
Lampton Water	$0	$78,875	$494,292	$415,417	$415,416	$0	$0	$0	$0	$0	$0	$0	$1,404,000
Mendenhall, City of	$0	$0	$9,500	$110,750	$101,250	$0	$0	$0	$0	$0	$0	$0	$221,500
Nicholson Water &	$0	$54,000	$901,500	$847,500	$0	$0	$0	$0	$0	$0	$0	$0	$1,803,000
Greenwood Utilities	$0	$0	$40,000	$345,000	$305,000	$0	$0	$0	$0	$0	$0	$0	$690,000
Greenwood Utilities	$0	$0	$30,000	$660,000	$210,000	$0	$0	$0	$0	$0	$0	$0	$900,000
Winona, City of	$0	$0	$13,050	$238,890	$150,560	$0	$0	$0	$0	$0	$0	$0	$402,500
---------- Funding Line $28,335,960 ----------													
Greenwood Utilities	$0	$0	$125,000	$603,356	$717,534	$717,534	$717,534	$279,042	$0	$0	$0	$0	$3,160,000
Conehoma Water	$19,098	$0	$720,951	$233,951	$0	$0	$0	$0	$0	$0	$0	$0	$974,000
Madison, City Of	$0	$72,188	$0	$1,160,625	$1,088,437	$0	$0	$0	$0	$0	$0	$0	$2,321,250
Madison, City of	$0	$77,963	$0	$783,270	$705,308	$705,308	$235,101	$0	$0	$0	$0	$0	$2,506,950
~~Hilldale Water~~	~~$0~~	~~$0~~	~~$33,705~~	~~$592,245~~	~~$558,540~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$1,184,490~~
Mendenhall, City of	$0	$0	$101,096	$243,288	$213,288	$213,288	$154,040	$0	$0	$0	$0	$0	$925,000
Hazelhurst, City of	$0	$48,825	$164,087	$345,785	$345,785	$345,785	$249,733	$0	$0	$0	$0	$0	$1,500,000
Grenada, City of	$0	$67,000	$842,763	$775,763	$517,174	$0	$0	$0	$0	$0	$0	$0	$2,202,700
~~Hilldale Water~~	~~$0~~	~~$0~~	~~$13,000~~	~~$233,000~~	~~$220,000~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$0~~	~~$466,000~~
Brandon, City of	$75,000	$862,500	$862,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,800,000
Tchula, City of	$0	$0	$35,200	$347,733	$312,533	$312,534	$0	$0	$0	$0	$0	$0	$1,008,000
Little Creek Water	$0	$180,302	$82,608	$0	$0	$0	$0	$0	$0	$0	$0	$0	$262,910

Coldwater, Town of	$0	$0	$38,976	$297,815	$258,840	$258,840	$258,840	$14,379	$0	$0	$0	$0	$1,127,690
Webb, Town of	$0	$69,772	$637,561	$567,789	$567,789	$378,526	$0	$0	$0	$0	$0	$0	$2,221,437
Jackson, City of	$0	$0	$148,810	$754,601	$605,791	$605,791	$605,791	$605,791	$134,618	$0	$0	$0	$3,461,193
Columbus Light and	$0	$0	$30,250	$364,563	$334,313	$222,874	$0	$0	$0	$0	$0	$0	$952,000
NTS Utility Assoc.	$0	$15,838	$417,007	$0	$0	$0	$0	$0	$0	$0	$0	$0	$432,845
NTS Utility Assoc.	$0	$22,820	$660,184	$0	$0	$0	$0	$0	$0	$0	$0	$0	$683,004
Pontotoc, City of	$0	$53,947	$851,644	$797,697	$0	$0	$0	$0	$0	$0	$0	$0	$1,703,288
Total FY-12 Projects	$829,300	$2,792,774	$11,157,766	$15,244,881	$11,496,443	$6,204,898	$3,365,950	$1,158,616	$135,618	$0	$0	$0	$52,386,246
FY-13 Projects	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total All Projects	$829,300	$2,792,774	$11,157,766	$15,244,881	$11,496,443	$6,204,898	$3,365,950	$1,158,616	$135,618	$0	$0	$0	$52,386,246
Federal FY-2012 Cap.	$0	$0	$7,720,080	$0	$0	$0	$0	$0	$0	$0	$0	$0	$7,720,080
State Match FY-2012	$0	$0	$1,868,200	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,868,200
Other Funding ♠	$812,550	$2,706,701	$1,983,670	$13,244,759	$0	$0	$0	$0	$0	$0	$0	$0	$18,747,680
Total Funding ♦	$812,550	$2,706,701	$11,571,950	$13,244,759	$0	$0	$0	$0	$0	$0	$0	$0	$28,335,960

♠ Other Funds include DWSIRLF Bond proceeds, DWSIRLF Loan Repayments, and money recovered from loan amendments.

* Funding Line indicates available funds based on the full FY-12 Federal Appropriation supplied by the EPA, equaling $9,341,000.

♦ Total Funding accounts for the total available funds towards the maximum number of projects.

II. Projected Schedule of Outlays for Set-asides
Standard Capitalization Grant

Federal	3Q FY-12	4Q FY-12	1Q FY-13	2Q FY-13	3Q FY-13	4Q FY-13	1Q FY-14	2Q FY-14	Totals
Small Sys. Tech Assist.	$0	$0	$43,109	$43,110	$43,109	$43,110	$0	$0	$172,438
State Program Mgmt	$0	$0	$233,525	$233,525	$233,525	$233,525	$0	$0	$934,100
Local Asst. & Other St. Programs	$0	$0	$125,000	$125,000	$125,000	$125,000	$0	$0	$500,000
Administrative	$0	$0	$80,525	$80,525	$80,525	$80,525	$0	$0	$322,100
Total Set-Asides	$0	$0	$482,159	$482,160	$482,159	$482,160	$0	$	$1,928,638

C. Projected Payment (Federal Letter of Credit) Schedule (Schedule of Increases to ACH Ceiling)

Payment (LOC) Number	Payment (LOC) Date	Payment (LOC) Amount	Cumulative (LOC) Amount
FY-2012 No. 1 of 2	4th Quarter FY-2012	$ 9,000,000	$ 9,000,000
FY-2012 No. 2 of 2	1st Quarter FY-2013	$ 341,000	$ 9,341,000

D. Projected Schedule of Drawdowns Against Federal Letter of Credit (ACH Draw Schedule)

Outlay Quarter	Federal Outlay Amount	Cumulative Outlay Amount
4Q FY-2012	$ 9,000,000	$ 9,000,000
1Q FY-2013	$ 341,000	$ 9,341,000

E. Mississippi Small Systems Technical Assistance Set-Aside Workplan

INTRODUCTION

The Mississippi State Department of Health (MSDH), Bureau of Public Water Supply (Department), proposes to use the Small Systems Technical Assistance Set-aside of the DWSRF in an assistance and training program directed at improving the technical, managerial, and financial capabilities of small community public water systems in the state. The goal of this program is to assure that assistance is provided to all small community public water systems that require such assistance to maintain adequate technical, financial, and managerial capabilities necessary to comply with requirements of the SDWA.

SELECTION PROCESS

A request for proposals (RFP) was published in the legal section of *The Clarion-Ledger* on April 1, 2010, with a submittal deadline of 5:00 p.m. on April 21, 2010. Those responding to the RFP were mailed an information packet the day the request was received. The proposals received from the potential contractors were evaluated by the Department and then presented to the Board at the regularly scheduled meeting. All current technical assistance contracts were set to expire June 30, 2012. The current structure of program activities will continue in a similar fashion when new contracts begin July 1, 2010. All contracts are set to begin for a two-year period with an optional third year to be exercised at the Board's discretion July 1, 2012. The contracts for technical assistance have been awarded to the following: Board Management Training Monitoring and Coordination for Water System Officials is conducted by Mississippi State University Extension Service; PEER Review Program for Public Water Supplies is also being conducted by the Mississippi State University Extension Service; Small Systems Technical Assistance (long-term and intermediate technical assistance) Contract is being conducted by the Community Resources Group; The Mississippi Rural Water Association is conducting the specialized Hands-On Operator Training.

PROGRAM ACTIVITIES

The technical assistance program consists of four major categories (see below) of activities that will be accomplished through contracts with qualified organizations that are experienced in providing the type of support required by each activity. These categories may be updated and/or revised as a result of work plan reviews that will be conducted annually during the life of the program. Amendments will be submitted whenever activities or budgets change and when required to extend the term of the work plan.

6. **Long-term technical assistance** - This assistance is comprehensive in nature and is provided to an equivalent of twenty (20) small public water systems annually. At a minimum, the contractor will provide comprehensive assistance to at least ten (10) public water systems per contract year. At the beginning of each contract year, the MSDH – Bureau of Public Water Supply will provide to the contractor a list of systems that are to receive this assistance. Within 30 days of the start date for that contract year, the contractor will identify, with the help of MSDH, which ten (10) systems are to receive comprehensive technical assistance,

complete an initial assessment of the needs of each of the ten (10) systems, and develop a work plan for each water system. The contractor shall submit the assessment and work plan for each system to MSDH for approval prior to initiating technical assistance. MSDH shall use its latest report of Capacity Ratings of Public Water Systems, along with the recommendations of MSDH staff and the contractor, to identify those public water systems that are to receive this assistance.

Activity Objective - provide long-term on-site comprehensive technical assistance to resolve problems identified by contractor. Ten (10) systems will be chosen from a prepared list.

Reporting/Evaluation - written progress reports using a format approved by MSDH will be furnished monthly to MSDH and members of the Board by the contractor. The reports shall identify progress made on the work plan developed for each system. The contractor shall meet with the Board on a quarterly basis to update the Board on accomplishments under this contract and answer any questions the Board might have regarding the implementation of this contract.

7. **Intermediate technical assistance -** This assistance is selective in nature and consists of one or more additional contact or non-contact hours for public water systems previously receiving short-term assistance or systems not requiring comprehensive long-term assistance. Selection of systems will be based on the list supplied by MSDH for the remaining public water systems from the initially prepared list. Intermediate technical assistance projects will be counted toward the minimum twenty (20) required comprehensive projects at a ratio of 2:1 (two intermediate projects will be the equivalent of one comprehensive project).

Activity Objective - provide intermediate on-site technical assistance to selected systems covering the subject(s) determined by the contractor to be most needed.

Reporting/Evaluation - written progress reports using a format approved by MSDH will be furnished monthly to MSDH and members of the Board by the contractor. The reports shall identify the assistance provided to each system. The contractor shall meet with the Board on a quarterly basis to update the Board on accomplishments under this contract and answer any questions the Board might have regarding the implementation of this contract.

8. **Hands-On Operator Training** - The Contractor will provide practical, applied, “hands-on” training for public water system operators in the State of Mississippi. MSDH defines hands-on operator training for the purposes of this contract as training that provides functional instruction in the necessary skills and knowledge to be able to better fulfill the job requirements of a drinking water system operator. The hands-on training will include a comprehensive approach (lecture plus physical, hands-on sessions with equipment) for all operators attending the training. Trainings are to include equipment/props pertinent to the training topic(s) as a part of the training discussion.

Activity Objectives - Provide a minimum of twenty (20) hands-on operator training sessions within the year.

Reporting/Evaluation - written quarterly reports using a format approved by MSDH on Hands-On Operator Training. The reports shall include but are not limited to: a) details of sessions conducted; b) number of attendees and their comments; c) related problems that occurred during or as a result of a training session and any solution(s); d) an itemized list of the costs incurred by the training organization; and e) other related items. The contractor shall meet with the Board on a quarterly basis to update the Board on accomplishments under this contract and answer any questions the Board might have regarding the implementation of this contract.

9. **Coordination and Monitoring of Board Management Training for Water System Officials** - Section 41-26-101 of the Mississippi Code of 1972, Annotated, states "Each member elected or reelected after June 30, 1998, to serve on a governing board of any community public water system, except systems operated by municipalities with a population greater than ten thousand (10,000), shall attend a minimum of eight (8) hours of management training within two (2) years following the election of that board member. If a board member has undergone training and is reelected to the board, that board member shall not be required to attend training. The management training shall be organized by the MSDH. The management training shall include information on water system management and financing, rate setting and structures, operations and maintenance, applicable laws and regulations, ethics, the duties and responsibilities of the association and other organizations. The Department shall develop and provide all training materials. To avoid board members having to interfere with their jobs or employment, management training sessions may be divided into segments and, to the greatest extent possible, shall be scheduled for evening sessions. The Department shall conduct management training on a regional basis." The contractor shall: serve as the coordinator for MSDH in regards to all activities related to the implementation of the training program in the state; randomly attend training sessions to ensure the established curriculum is being followed and that the curriculum is relevant and effective; manage the Board Member Training Curriculum Review Committee; continue to update the established computerized database to accurately track the most current status of each board member attending the program; and other related duties.

Activity Objective - manage those activities related to the effective training of the members of the governing boards of small community public water systems.

Reporting/Evaluation - Randomly attend at least two sessions/contract year/training organization unannounced and furnish both MSDH and the Board members a written report within 7 days of attendance including the following information: review of presentation by trainer(s); any needed remedial action; attendee comments; attendance roster; and other related items. Written and oral quarterly reports shall be furnished to MSDH and the Board members that include: attendee evaluation of the trainers and training material; contractor evaluation of trainer(s); attendee comments; attendance rosters; needed remedial action; curriculum review committee meetings; itemized costs of training organization(s). Monthly reports containing the above information shall be submitted to MSDH along with the invoices for work performed under the contract. MSDH, affected board members, and affected entities shall be provided with periodic reports listing those board members who have not completed the board member training and the time remaining for completion of the training.

10. **Peer review assistance** - Through the use of trained volunteers, this assistance will be conducted on-site with the systems either selected from a list provided to the contractor by MSDH or with prior MSDH approval. A cooperative agreement between the contractor and the Mississippi Water and Pollution Control Operators' Association will help provide qualified volunteers to serve as peer review team members. There will be a goal of 20 peer reviews per contract year with a minimum of three (3) peer reviews per quarter. Each volunteer shall be paid $75 per day for each actual peer review in which the volunteer participates. The contractor will maintain a directory of trained volunteers.

Activity Objectives - provide short-term (less 8 contact hours) on-site technical assistance to selected systems covering the subject(s) determined by the contractor to be most needed.

Reporting/Evaluation - copies of all completed peer review reports will be provided to both MSDH and the Board within 30 days of completion of each peer review. Written progress reports using a format approved by MSDH will be furnished monthly to MSDH and members of the Board by the contractor. The name of the system undergoing the peer review shall be removed and be identified by a code only known to the contractor. The report shall include: an assessment of which type of capacity was the worst at the time of the visit; a listing of all suggested remedial action; officials present shall be listed by title; an evaluation form (previously approved by MSDH) rating the assistance provided that was completed by the system; any conditions currently or potentially endangering public health; and any other related items. The contractor shall meet with the Board on a quarterly basis to update the Board on accomplishments under this contract and answer any questions the Board might have regarding the implementation of this contract.

AGENCY RESPONSIBILITIES

The MSDH will conduct Small Systems Technical Assistance Set-aside activities through Board approved contracts with providers who will be selected following procedures of the State of Mississippi Personal Services Contract Procurement Regulations. Contracts of a regulatory

nature will be handled solely by MSDH. All providers will report to and be responsible to the MSDH for all contract activities. No additional FTE requirement is anticipated for state agencies to implement the provisions of this set-aside.

F. Mississippi State Program Management Set-aside Annual Workplan
Section 1452(g)(2)
Safe Drinking Water Act Amendments of 1996

PUBLIC WATER SYSTEM MANAGEMENT PROGRAM

BACKGROUND

On April 20, 2012 ~~December 8, 2011~~, a legal notice was published to request public comments on the Draft FY-2012 Intended Use Plan (IUP) Amendment #1 that will set-aside $934,100 ~~$862,190~~ of the state's FY-2012 Drinking Water State Revolving Fund (DWSRF) capitalization grant for State Program Management activities to support the MSDH FY-2013 Public Water Systems Supervision Program (FY-2013 PWSS Program) as allowed under Section 1452(g)(2) of the SDWA Amendments of 1996. After a public comment period, a public hearing will be held on May 18, 2012 ~~January 20, 2012~~, to receive and consider comments from the public on the draft IUP. After resolution of any comments from the public, the final FY-2012 IUP will be presented to the Board for adoption during the next scheduled Board meeting. The Final IUP will be effective thirty days from the date of the Board's adoption.

This work plan describes how FY-2012 DWSRF State Program Management set-aside funds will be expended to support the FY-2013 PWSS Program which will operate from October 1, 2012 to September 30, 2013.

FUNDING AMOUNT (Standard Capitalization Grant)

The state reserves $934,100 ~~$862,190~~ of its FY-2012 DWSRF capitalization grant to be set-aside for State Program Management activities to support the FY-2013 PWSS Program. The reserved amount represents 10% of the state's expected FY-2012 capitalization grant and is specified for expenditure during FY-2013.

Cost Breakdown	
Administrative/Staffing	$562,965
Fringe Benefits	$179,023
Contractual	$ 71,910
Indirect Costs	$120,202
Total Funding Amount	$934,100 ~~$862,190~~

NUMBER OF FTE's PROJECTED FOR IMPLEMENTING THIS SET-ASIDE

The state projects forty-four (44) FTEs will be required to implement the FY-2012/13 PWSS Program. A total of 14.0 FTEs will be funded by this set-aside. An estimated $741,988 will be reserved from the FY-2012 DWSRF Capitalization Grant for salaries and fringe benefits for State Program Management activities.

This amount will fund salary and fringe benefits for the following positions:

Position	Quantity (FTE)
Special Projects Officer IV	1.0
Business Systems Analyst II	1.0
Environmental Administrator	1.0
Bureau Director I	1.0
Chemist I	1.0
Chemist II	2.0
Chemist III	7.0
Total FTEs	**14.0**

The remaining $192,112 will be used for indirect costs, supplies, and possible contractual services for technical assistance needed to accomplish the requirements of the FY-2013 PWSS Program.

GOALS, OBJECTIVES, OUTPUT, AND DELIVERABLES

One of the set-asides authorized under the 1996 SDWA amendments is the management of the state program, which can be funded by up to 10% of the federal allotment. These funds will support public water system supervision program activities as required to maintain state primacy and also to support the activities of the DWSIRLF. MSDH's FY-2013 PWSS Work Plan outlines in detail the aspects of the PWSS that are supported by this set-aside. Items covered by the set-aside include: (1) State Primacy Requirements, (2) Non-Primacy Requirements, and (3) Auxiliary Services.

Primacy Requirements

As required to maintain state primacy, MSDH maintains the PWSS programs on an ongoing or as-needed basis. These programs include: revising current primacy programs by adopting new Federal regulations as needed; coordinating for Mid-Year and End-of-Year review with EPA Regional Office; maintaining a sanitary survey program with discrepancy follow-up; participating in state data verification audits; ensuring public water systems (PWSs) are utilizing approved laboratories and a certification program for those laboratories is in place; participating in the EPA Regional oversight; operating in accordance with requirements of the National Primary Drinking Water Regulations; maintaining an active water system design and construction plan and specification review program; ensuring labs used by PWSs within the state are capable of the workload created by regulations; participating in PWS and PWSS training on rule requirements; informing EPA Region 4 of any special state initiatives under the rules or provisions of the SDWA; maintaining records for all rule/policies, enforcing reporting and record keeping as required; maintaining appropriate administrative penalty authority; implementing the PWS definition; attending state/EPA planning and implementation meetings; ensuring that newly permitted PWSs have design/construction capable of compliance with the present and upcoming SDWA regulations; ensuring analytical methods are being applied to demonstrate compliance with the regulations; notifying (if necessary) EPA of intent not to adopt

or implement any portion of the rules; and responding to EPA requests for information or verification of state rules implementation.

Additionally, MSDH will provide annual summaries of the status of: each effective variance and exemption to EPA; community PWSs that are allowed to monitor less frequently than monthly; and non-community PWSs that are allowed to monitor less frequently than quarterly to EPA. MSDH will also oversee and enforce requirements for rules and regulations adopted with approved federal primacy. These regulations include the SDWA and all applicable rules present and future, primacy packages, and extension agreements of the SDWA.

Non-primacy Requirements

In addition to the requirements of the PWSS program, monies from this set-aside provide support to activities that are of a non-primacy nature. Those activities are not required to maintain state primacy. However, to run a highly effective, efficient program and most importantly protect the public health, these activities are vital.

Capacity Development (CD) Program

As required by the SDWA, each state is required to develop and implement a Public Water System Capacity Development Program in order to receive full funding annually under the DWSRF Program. Public water system capacity assessment is a full evaluation of the PWS's technical, managerial, and financial ability to provide safe drinking water to its customers by complying with all state and Federal regulations. In accordance with the Federal requirements, MSDH has developed and implemented a CD program for both new and existing PWSs. The MSDH CD program takes the form of a rating that each community water system (CWS) and non-transient non-community water system (NTNCWS) receives at their annual sanitary survey. The criteria used in the rating system incorporate laws, regulations, and other valuable information to evaluate the areas of technical, managerial, and financial capacity. The program is also designed to evolve from year-to-year through an annual meeting of an advisory committee that will make suggestions as to possible changes and/or additions to the rating criteria. As required by regulation, an annual report is made to the Governor on the efficacy of the strategy and progress towards improving the capacity of PWSs in the state. Additionally, annual documentation of ongoing implementation of the CD strategy is to be provided with DWSRF Capitalization Grant application.

Unregulated Contaminant Monitoring Rule

This particular aspect of the PWSS involves informing systems with populations greater than 10,000 in the state monitoring plan of their responsibilities to monitor for Unregulated Contaminant Monitoring Rule; assisting the EPA in sampling systems in the state monitoring plan as determined by the state and EPA in the UCMR Partnership Agreement; adding vulnerable systems to the plan for monitoring UCMR List 3 contaminants based on guidance; review UCMR data from public water systems to ensure that it meets quality assurance and PWS reporting requirements necessary;

informing EPA of potential changes needed in the data and, with mutual agreement of the state and EPA, make changes to the data; and responding as requested by the EPA for information on verification of state UCMR implementation.

Operator Certification

As mandated by the SDWA to maintain full funding for the DWSIRLF, operator certification is an essential part of the PWSS program. Activities required to maintain the operator certification program include: providing documentation and evaluation of ongoing program implementation for all annual program submittals subsequent to the initial submittal; supply as required certification of changes and documentation of those change that are made to the regulations of statutes; perform internal and external program reviews as required by state law.

Source Water Assessment Program

On an annual basis, MSDH reports to EPA on Source Water Assessment Program implementation activities. In FY-1997, a set-aside for DWSIRLF allowed MSDH to subcontract to the Mississippi Department of Environmental Quality to perform the source water assessment. The assessment has been completed and a report has been supplied to all of Mississippi's PWSs.

Auxiliary Services

These services include various aspects related to data management, compliance, and enforcement of the PWSS Program.

Information Management and SDWIS/Fed Reporting

These ongoing activities include: overseeing and enforcing requirements of data management and SDWIS/Fed reporting; reporting the state's PWSS inventory at least annually to SDWIS/Fed; reporting the state's violations and enforcement actions at least quarterly; participating in EPA/state data managers conference calls; identifying the data manager and alternate for the purpose of making secure transmissions of data intended for SDWIS/Fed through EPA's Central Data Exchange; establishing and following quality assurance procedures to ensure that PWS data eventually entered in SDWIS/Fed is of the highest reliability and maximum value to the public.

Inspection Strategy

This activity includes overseeing and enforcing requirements of the regulatory requirements.

Management System for Non-compliant Systems

These activities include: overseeing and enforcing requirements of management systems for non-compliant systems; provide current versions of its enforcement response guide; assurances that the EPA has up-to-date information.

Rule Task Force

This requires participation in the Rule Writing Task Force and Rule Workshops.

Enforcement and Management of Significant Non-compliers (SNC's)

Activities of this auxiliary service include: overseeing and complying with the requirements of management significant non-compliers (SNC's); and reporting the state's response to instances of significant noncompliance at public water systems.

The commitments as stated here and in the PWSS Work plan are adopted as commitments of the State Program Management set-aside.

SCHEDULE FOR COMPLETING ACTIVITIES

The schedule for completing State Program activities under this work plan will be the schedule established by dates entered in the "Date Due" column of the MSDH FY-2013 PWSS Work plan.

AGENCY RESPONSIBILITIES

The MSDH is the agency responsible for implementing required activities under the State Program Management set-aside.

EVALUATION PROCESS TO ASSESS THE SUCCESS OF SET-ASIDE ACTIVITIES

The success of State Program Activities will be defined by the ability of the MSDH to successfully meet commitments in the FY-2013 PWSS Work Plan. Quarterly and annual reports/submittals required by the PWSS program include documentation and evaluation of ongoing program implementation and success in meeting stated commitments.

G. Local Assistance and Other State Programs Annual Workplan
Section 1452(g)(2)
Safe Drinking Water Act Amendments of 1996

INTRODUCTION

The Mississippi State Department of Health (MSDH), Bureau of Public Water Supply (Department), proposes to use the Local Assistance and Other State Programs Set-aside of the DWSRF in a wellhead protection and assistance program directed at eliminating inactive wells or open holes to the aquifers throughout the state by properly abandoning them in accordance with state guidelines. Local governments realize that the inactive wells/open holes pose a risk of contamination to the groundwater which they may utilize via their active wells. However, funds to properly abandon those wells/holes are limited. The financial assistance provided through this set-aside will allow the state, by way of contractual agreement(s), to identify and then properly abandon inactive wells/open holes posing contamination risks to the state's groundwater aquifers.

SELECTION PROCESS

A request for proposals (RFP) for two proposed contracts was published in the legal section of *The Clarion-Ledger* with the RFPs scheduled to be received by October 7th, 2011. RFP number one is for an appropriate organization that will act as a liaison between the Department and local governments having the inactive wells or open holes to well (source water) aquifers. RFP number two will be awarded to the winning bidder of a licensed well driller authorized to work in Mississippi. Those responding to the RFP had been mailed an information packet the day the request was made. The proposals received from the potential contractors have been evaluated by the Department. Contracts have been awarded to the successful bidders with Mississippi Rural Water Association (MRWA) receiving the coordination contract and Mid-South Water & Machine Works (MSW&MW), the licensed well driller contract. Final negotiations are in process and pending approval from the State Contract Review Board, work should begin January 2012. Both contracts are in effect for one year with an optional second year to be exercised at the Department's discretion September 2012.

PROGRAM ACTIVITIES

The activities described herein will be accomplished through a four part process: Identification of wells / holes needing proper abandonment for the protection of aquifers and the overall public health; communication with public water supply that owns well / hole to encourage proper abandonment; mobilization of well contractor to identified site to perform the work; and confirmation that the work has been completed.

Identification –MRWA will use a list provided by the Department through a cooperative effort with the Mississippi Department of Environmental Quality Office of Groundwater Resources (MDEQ) to identify wells or open holes owned by particular water systems to be abandoned. Wells / holes deemed high risk by MDEQ will be sought out first for abandonment. Upon completion, wells/holes that are considered medium risk will be addressed next, then low risk.

Communication – Staff from the MRWA will meet with system officials to encourage "buy in" to properly abandoning existing inactive wells or open holes posing risk of contamination to their water system and aquifer. This is considered essential to successfully achieving the goal of abandoning those wells/holes posing risk.
Mobilization – Once the communication phase has been completed, staff of the MSW&MW, the licensed well driller contractor, will mobilize to the selected site and commence with the proper abandonment of well / hole. This will be accomplished in accordance with established guidelines set forth by the MDEQ Office of Groundwater. When the abandonment is complete, the well contractor will contact the MRWA staff to inform of them of project completion.
Confirmation – Staff of the MsRWA will perform site visits to confirm proper abandonment of site. That confirmation is passed on to the Department to ensure that each abandonment matches future invoices when received for payment.

SCHEDULE FOR COMPLETING ACTIVITIES

The schedule for completing Local Assistance and Other Program activities under this work plan will be the schedule established by set contractual dates. This second phase of well abandonment will be completed by September 30, 2013.

AGENCY RESPONSIBILITIES

The MSDH will be monitoring contractors throughout the process to ensure effective completion of contractual assignments.

EVALUATION PROCESS TO ASSESS THE SUCCESS OF SET-ASIDE ACTIVITIES

The success of this set-aside will be defined by the ability of the MSDH through the solicited contractor(s) to remove by proper abandonment wells or open holes that potentially pose a risk to existing water supplies and the aquifers which supply the well water.

H. Mississippi State Program Management Set-aside Match Requirements

Mississippi 1:1 Requirement for FY 2012 State Program Management Set-aside

	FY 1993	FY 2012
PWSS Grant	$769,600	$1,216,900
State Required Match for PWSS Grant	$256,533	$401,577
Actual State PWSS Contribution	$256,533	$3,264,627
State PWSS Overmatch	$ 0	$2,284,427
State PWSS Expenditures Eligible for 1:1 SPM Match	$128,266	$2,284,427
State PWSS Expenditures Claimed for 1:1 SPM Match	$128,266	$862,190

Mississippi requests $934,100 of its FY-2012 DWSRF Capitalization Grant be set-aside for State Program Management (SPM) to support Public Water Supply Supervision (PWSS) activities. To comply with the additional 1:1 match requirement for SPM set-asides, $934,100 ~~$862,190~~ in additional state funds will be required. The state provided $2,284,427 above the state's PWSS match requirement in FY-2012. This contribution is provided through the collection of Water Quality Analysis Fees by the MSDH Bureau of Public Water Supply. In accordance with Section 1452(g)(2) of the SDWA of 1996, the state claims $934,100 ~~$862,190~~ from its FY-2012 PWSS overmatch as credit to satisfy the $934,100 ~~$862,190~~ additional state match required to set-aside $934,100 ~~$862,190~~ of its FY-2012 Capitalization Grant for SPM activities.

I. Coordination Schedules for Jointly Funded Projects

FY-2012 DWSIRLF COORDINATION SCHEDULES FOR JOINTLY FUNDED PROJECTS			
These schedules are designed to help assure coordination between the DWSIRLF Program and the Appalachian Regional Commission (ARC) Grant Program, Community Development Block Grant (CDBG) Program, and Rural Utilities Service (RUS) Grant and Loan Program. These schedules are, however, subject to change due to the timing of federal appropriations or program changes.			
Date(s)	**Schedule Item(s)/Deadline(s)**		
	ARC	**CDBG**	**RUS***
May 1, 2011	Mississippi Appalachian Regional Office (MARO) notifies potential applicants & local Planning & Development Districts of the September 1, 2010, deadline for submitting complete ARC grants applications.	(N/A)	(N/A)
Sept 1, 2011	All FY-12 ARC project applications due at MARO in Tupelo, MS by 5:00 p.m. Proposals received afterward will only be considered as "back-up" projects.	(N/A)	(N/A)
Oct 1, 2011**	Deadline for loan applicant to submit a complete DWSIRLF facilities plan to MS State Department of Health (MSDH). The plan must reflect anticipated ARC funding, and must indicate if the loan applicant intends to proceed with the project; 1) only if ARC funds are received, or 2) regardless of ARC funding.**	Deadline for loan applicant to submit a complete DWSIRLF facilities plan to MS State Department of Health (MSDH). The plan must reflect anticipated CDBG funding, and must indicate if the loan applicant intends to proceed with the project; 1) only if CDBG funds are received, or 2) regardless of CDBG funding.**	Deadline for loan applicant to submit a complete DWSIRLF facilities plan to MS State Department of Health (MSDH). The plan must reflect anticipated RUS funding, and must indicate if the loan applicant intends to proceed with the project; 1) only if RUS funds are received, or 2) regardless of RUS funding.**
Oct, 2011	MS State Dept of Health (MSDH) notifies MARO of loan applicants who have submitted complete facilities plans which indicate anticipated FY-2012 ARC funding. MARO notifies MSDH of ARC grant applicants who submitted pre-applications which indicate anticipated FY-12 DWSIRLF funding.	MS State Dept of Health (MSDH) notifies Mississippi Development Authority (MDA) of loan applicants who have submitted facilities plans which indicate anticipated FY-2012 CDBG funding.	MS State Dept of Health (MSDH) notifies U. S. Department of Agriculture, Rural Utilities Service (RUS) of loan applicants who have submitted facilities plans which indicate anticipated FY-2012 RUS funding
Nov 15, 2011	MARO completes review of FY-2012 projects and briefs Governor on proposed Priority 1 and Priority 2 project lists, as well as projects not eligible to be funded.	(N/A)	(N/A)
Nov 15-30, 2011	MARO notifies local Planning & Development Districts of projects that have been selected for the P1 (fundable priority list). MARO will copy MSDH on these notification letters if grantee has indicated that it is pursuing DWSIRLF loan funds for the project. MSDH will not award a DWSIRLF loan until this notification from MARO is provided.	(N/A)	(N/A)

	ARC	CDBG	RUS
Oct 18, 2011	(N/A)	CDBG program application workshops.***	(N/A)
Nov, 2011	MSDH advertises Draft DWSIRLF FY-2012 Intended Use Plan for public comment.	MSDH advertises Draft DWSIRLF FY-2012 Intended Use Plan for public comment.	MSDH advertises Draft DWSIRLF FY-2012 Intended Use Plan for public comment.
Dec 30, 2011	Deadline for all FY-2012 Priority 1 documentation and forms to be submitted to MARO.	(N/A)	(N/A)
Dec, 2011	Board adopts FY-2012 DWSIRLF Intended Use Plan accounting for anticipated ARC award amounts if identified in facilities plan.	Board adopts FY-2012 DWSIRLF Intended Use Plan, accounting for anticipated CDBG award amounts if identified in facilities plan. CDBG public facilities applications, along with one copy of the DWSRLF loan application with maps and appropriate attachments will be accepted from 12/7&8/2011	Board adopts FY-2012 DWSIRLF Intended Use Plan, accounting for anticipated RUS award amounts if identified in facilities plan.
Jan 20, 2012	(N/A)	Deadline for a CDBG grant applicant to submit a water viability review form to MDA.	(N/A)
Jan, 2012	MSDH notifies MARO of projects included on final FY-2012 Priority List that anticipate receiving FY-2012 ARC funds.	MSDH notifies MDA of projects included on the Final FY-2012 Priority List that anticipate receiving FY-2012 CDBG funds.	MSDH notifies RUS of projects included on the final FY-2012 Priority List that anticipate receiving FY-2012 RUS funds.
Feb 1, 2012	MARO sends project applications to ARC-Washington to start final funding approval process.	(N/A)	(N/A)
Feb 16, 2012	(N/A)	CDBG public facilities applications, along with one copy of the DWSIRLF loan application with maps and appropriate attachments, will be accepted from 2/16/2012 until 4:00 p.m. on 2/17/12.	(N/A)
Feb- Jun, 2012	ARC-Washington starts the final funding approval process and awards ARC grants during the spring or summer of 2012.	(N/A)	(N/A)
Mar, 2012	(N/A)	MDA provides notification to MSDH that complete CDBG applications have been received.	(N/A)

	ARC	CDBG	RUS
May 1, 2012**	Deadline for loan applicants to submit a completed DWSIRLF loan application to MSDH for the total DWSIRLF eligible costs, less the amount of anticipated ARC award to be applied to DWSIRLF eligible costs.**	Deadline for loan applicants to submit a completed DWSIRLF loan application to MSDH for the total DWSIRLF eligible costs, less amount of anticipated CDBG award to be applied to the DWSIRLF eligible costs.** (NOTE: If the loan recipient is pursuing a CDBG grant to cover part of the cost of construction, the loan recipient has the option to include the anticipated CDBG grant amount in the detailed cost breakdown in the application, or may request 100% DWSIRLF funding with the possibility of amending the loan application later if the loan recipient is awarded a CDBG grant prior to receipt of bids for construction. However, the DWSIRLF loan application must be consistent with the DWSIRLF facilities plan for the project.)	Deadline for loan applicants to submit complete DWSIRLF loan applications to MSDH for the total DWSIRLF eligible costs, less amount of anticipated RUS award to be applied to DWSIRLF eligible costs.** (NOTE: If the loan recipient is pursuing an RUS grant/loan to cover part of the cost of construction, the loan recipient has the option to include the anticipated RUS grant/loan amount in the detailed cost breakdown in the application, or may request 100% DWSIRLF funding with the possibility of amending the loan application later if the loan recipient is awarded an RUS grant/loan prior to receipt of bids for construction. However, the DWSIRLF loan application must be consistent with the DWSIRLF facilities plan for the project)
May, 2012	(N/A)	MDA provides notification to MSDH of which projects fall within the funding range for CDBG grants for construction contingent upon matching funds being in place. (NOTE: MSDH will not award a DWSIRLF loan until this notification from MDA is provided.)	(N/A)
Jun, 2012	MSDH provides notification to MARO that complete DWSIRLF loan applications have been received.	MSDH provides notification to MDA that complete DWSIRLF loan applications have been received. MDA provides conformation to MSDH of which projects fall within the funding range for CDBG grants for construction contingent upon matching funds being in place.	MSDH provides notification to RUS that complete DWSIRLF loan applications have been received.
(Upon Grant Award)	MARO provides notification to MSDH that ARC awards have been made.	MDA provides notification to MSDH that CDBG awards have been made.	RUS provide notification that RUS awards have been made
Aug 1, 2012**	All approvable documents and responses to comments necessary for loan award must be submitted to MDEQ for review and approval.**	All approvable documents and responses to comments necessary for loan award must be submitted to MDEQ for review and approval.**	All approvable documents and responses to comments necessary for loan award must be submitted to MDEQ for review and approval.**
May-Sep, 2012	Loan applicants receive DWSIRLF loan awards from MSDH. The amount of the loan will be the total DWSIRLF eligible cost less the ARC award amount to be applied to DWSIRLF eligible costs.	Loan applicants receive DWSIRLF loan awards from MSDH. The amount of the loan will be the total DWSIRLF eligible cost less the CDBG award amount to be applied to DWSIRLF eligible costs.	Loan applicants receive DWSIRLF loan awards from MSDH. The amount of the loan will be the total DWSIRLF eligible cost less the RUS award amount to be applied to DWSIRLF eligible costs. If loan applicant desires DWSIRLF loan award prior to RUS award, loan applicant must provide MSDH with a copy of letter from RUS which states their project will be funded only contingent upon receipt of DWSIRLF matching funds. MSDH will not award a DWSIRLF loan until that notification from RUS is provided.

	ARC	CDBG	RUS
(Upon Loan Award)	MSDH sends a copy of the award letter to MARO.	MSDH sends a copy of the award letter to MDA.	MSDH sends a copy of the award letter to RUS.

* **General Guidance regarding DWSIRLF/RUS coordination:** The RUS is an agency of the United States Department of Agriculture which provides loans and grants for water and wastewater projects. Eligible applicants must be public entities, nonprofit organizations, or Indian tribes that serve communities with populations under 10,000. RUS funds may be used in conjunction with other Federal, State, or local funds. Applications for RUS funds will be accepted at any time during the year, and involve an environmental review that includes public notifications and comment periods. RUS projects are funded at any time during the year as long as funds are available. RUS funds are allocated by Congress in October of each year, and are usually spent as complete applications are received. Therefore, it is generally to the applicant's advantage to file applications earlier in the year. To receive an application package or other information, contact Rural Utilities Service, 100 West Capitol Street, Suite 831, Jackson, MS 39269; telephone: (601) 965-5460; fax: (601) 965-4566.

** **FY-2012 DWSIRLF Priority System Deadline**

*** **"To Be Announced" (Date has not yet been set.)**

J. Drinking Water Systems Emergency Loan Fund Program

Section 41-3-16, Mississippi Code of 1972, as amended, created the Drinking Water Systems Emergency Loan Fund Program (DWSELF). This program provides loans to counties, municipalities, districts, or other (tax exempt) water organizations for emergency construction, repair, or replacement of drinking water facilities. This entirely state-funded loan program provides a ready funding source for such emergency projects without the federal cross-cutter requirements required in the DWSIRLF Program, thereby saving valuable time and expense. This Program eliminates the need to address emergency loans in the Drinking Water Systems Improvements Revolving Loan Fund Program. The Board encourages eligible water organizations throughout the state to utilize this program whenever emergency drinking water projects are needed.

The basic provisions of this program are: 1) a current interest rate of 2.0%; 2) a maximum single loan amount as determined by the Board; 3) a maximum repayment period of five (5) years; and 4) the project must meet the definition of an emergency as established in the program regulations. It is also important to note that loan recipients do not pay interest during the original construction period (capitalized interest), and that loan repayments do not begin until after project completion.

Allowable costs for the project may not be incurred prior to the budget period established in the loan agreement, which may not begin more than 30 days prior to receipt of the loan application.

Costs for the project will be paid on a reimbursement basis, based upon the actual allowable expenditures of the loan recipient.

K. Certifications

In addition to the ten (10) assurances included below, the state acknowledges that there are six (6) additional assurances that the state has agreed to in either the Operating Agreement between the State and EPA Region IV or the annual capitalization grants. These two documents are hereby incorporated into this IUP by reference.

1. The state certifies that all drinking water facility projects in this IUP identified in Section VII as being subject to the federal cross-cutting requirements are or will be in compliance with all such requirements prior to the state entering into an assistance agreement with the recipient.

2. The state certifies that it will make an annual report to the Regional Administrator on the actual uses of the funds and how the state has met the goals and objectives for the previous two fiscal years as identified in the IUPs; and to annually have conducted an independent audit of the funds to be conducted in accordance with generally accepted government accounting standards.

3. The state certifies that this IUP will be subjected to public review and comment prior to final submission to EPA. The state certifies that it will follow the "Mississippi Administrative Procedures Law" in seeking public review and comments on this IUP. A copy of the "Mississippi Administrative Procedures Law" can be obtained from the Mississippi Secretary of State's Office, and can also be found on the MSDH's website at www.msdh.state.ms.us/dwsrf.

   A public hearing will be held at 9:00 a.m. on Friday, April 18, ~~January 20,~~ 2012, to receive written and oral comments on this IUP. A transcript of the public hearing recording the comments and recommended solutions will be submitted to EPA along with the Final IUP. Anyone desiring to receive a copy of the public hearing transcript should contact Ulysses Conley, Program Support Specialist, at (601) 576-7518 to request copies.

4. The state certifies that all drinking water facility projects in this IUP are on the project Priority List developed pursuant to the requirements of Section 1452(b)(3)(B), SDWA.

5. The state certifies that it will enter into binding commitments for 120% of the amount of each payment (LOC) under the capitalization grant within one year after receipt of each payment (LOC).

6. The state certifies that it will commit and expend all DWSIRLF Program monies as efficiently as possible, and to disburse the funds in a timely and expeditious manner.

8. The state certifies that it will conduct environmental reviews on all DWSIRLF cross-cutter equivalency projects in accordance with the State Environmental Review Process (SERP).

8. The state certifies that prior to adding any new projects to the FY-2013 and After Planning List for the purpose of funding such a project during FY-2012 that the state will follow the "Mississippi Administrative Procedures Law" in amending this IUP in order to allow for public review and comments.

9. The state certifies that it has developed and implemented a Capacity Development strategy to assist public water systems in acquiring and maintaining technical, managerial, and financial capacity as required in Section 1420(c) of the 1996 Amendments to the SDWA. This CD program is currently approved by EPA.

11. The state certifies the State's Operator Certification Program is currently approved by EPA.