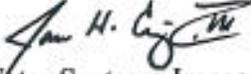




LOCAL GOVERNMENTS AND RURAL WATER SYSTEMS  
IMPROVEMENTS BOARD  
MEMORANDUM

To: Mayors, Presidents of Boards of Supervisors, County Administrators, Presidents of Rural Water Associations, Consulting Engineers, and Other Interested Parties

From: James H. Craig, III, Chairman   
Local Governments and Rural Water Systems Improvements Board

Subject: Drinking Water System Improvements Revolving Loan Fund Program  
Final FY-08 Intended Use Plan

Date: May 27, 2008

**Final FY-08 Intended Use Plan Amendment #1**

The Local Governments and Rural Water Systems Improvement Board (Board) established a public comment period on the Final FY-08 Intended Use Plan Amendment #1 for the Drinking Water Systems Improvements Revolving Loan Fund (DWSIRLF) Program, through 9:00 a.m. on May 15, 2008. Written comments were received until that time, at the address noted below.

The Board held a public hearing at 9:00 a.m., Thursday, May 15, 2008, in Room U-232, in the offices of the Mississippi State Department of Health (MSDH), located at 570 East Woodrow Wilson (Underwood Building) in Jackson, Mississippi, to receive written or verbal comments on the document. No additional comments were made by the public other than requests by potential loan recipients to be added to the 2009 and After Planning List and minor clarification of certain sections at the request of the Environmental Protection Agency.

The Final FY-08 Intended Use Plan Amendment #1 reflects a 1.95% loan interest rate for all FY-08 projects, and contains a Priority List of projects to receive loan funding, which has been prioritized in accordance with criteria previously approved by the Board.

The Board urges all applicants with projects on the FY-08 Priority List to pay particular attention to Section D. of the Priority System (pages 20 and 21), which establishes certain deadlines for FY-08 projects. These deadlines have been established in order to insure that funds are reserved only for projects that are proceeding in a timely manner toward loan award.

Potential loan recipients with projects shown on the FY-09 and After Planning List are encouraged to continue working on their projects. During the FY-2008, some funds may become available for award on a first-come-first-served basis to FY-09 "catch-up" projects which proceed and meet all requirements for loan award in FY-08.

Copies of the Final FY-08 Intended Use Plan Amendment #1 are being mailed to those prospective loan recipients who have projects listed on the FY-08 Priority List or the FY-09 and

After Planning List, and their consulting engineers. If you did not receive a copy of these documents but would like one, you can download a copy from the Department of Health website at [www.msdh.state.ms.us/dwsrf](http://www.msdh.state.ms.us/dwsrf), or contact Jennifer King at (601) 576-7518, and a copy will be mailed to you.

If you have any questions, or if we can be assistance, please contact the SRF Program Director, William F. Moody, at (601) 576-7518.

JHC, III;wfm

Attachments

**STATE OF MISSISSIPPI  
DRINKING WATER SYSTEMS IMPROVEMENTS  
REVOLVING LOAN FUND PROGRAM**

**FINAL**

**AMENDMENT NO. 1  
TO THE  
FY-2008 INTENDED USE PLAN**

**Presented to the Board  
For Adoption on May 23, 2008**



**Mississippi State Department of Health**  
TO PROMOTE AND PROTECT THE HEALTH OF ALL MISSISSIPPIANS



**LOCAL GOVERNMENTS AND RURAL WATER SYSTEMS**

**IMPROVEMENTS BOARD**

**P. O. BOX 1700 SUITE U-232**

**JACKSON, MISSISSIPPI 39215-1700**

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**FINAL  
STATE OF MISSISSIPPI  
LOCAL GOVERNMENTS AND RURAL WATER SYSTEMS IMPROVEMENTS BOARD**

**DRINKING WATER SYSTEMS IMPROVEMENTS REVOLVING LOAN FUND**

**FY-2008 INTENDED USE PLAN**

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Purpose of Amendment No. 1 to the  
FY-08 Intended Use Plan

The Purpose of this amendment is to revise the final FY-08 Intended Use Plan to reflect the following changes:

- To amend Sections I.B., IV.A.i. & ii., V., VIII., and Appendices A, B, C, D, F to reflect changes associated with the revised capitalization grant allotment to \$8,146,000.
- To amend Section VII. to include the addition of the following projects to the FY-2009 and After Planning List to allow for their funding in FY-08:
  - Piney Woods Country Life School – New Elevated Tank
  - City of Corinth – Raw Water Transmission Line
  - City of Corinth – Raw Water Intake Structure
  - Wheeler Frankstown W/A – Well, Tank, and Distribution Improvements Ranking Update
  - City of Clinton – New Well & Distribution Lines
  - City of Clinton – New Radio Read Meters, Hardware and Software
  - Hub W/A – New Well, Pressure Tank, & Distribution
  - Hilldale Water District – Well, Treatment Plant, & Distribution
  - City of Belzoni – Rehabilitation of Well, Distribution, & Flushing Hydrants
- To amend Appendix G to reflect changes associated with the required state 1:1 match due to the change in the capitalization grant allotment.
- To amend section IX. To further clarify the environmental impacts of projects of this IUP at the request of the EPA.
- To amend section V.A. to further clarify the Department’s need to continue reserve administrative set-aside from FY-2003 and FY-2004 capitalization grant at the request of the EPA.
- To amend section VI.A.4. to further clarify the Disadvantaged Communities program at the request of the EPA.
- To amend Section I.C. Appendix F and Appendix J to reflect changes in proposed dates associated with presenting this draft amendment to the Board, advertising the amendment, public hearing of this amendment, and adoption of this amendment.

## **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.

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 or 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 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 Mississippi's DWSRF plan for FY-2008 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. This Operating Agreement was agreed to by both parties and approved on August 10, 1998. 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-2008 DWSRF allotment estimated to be \$8,146,000 from October 2008 through September 2012, as 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 toward public water system improvement projects and the criteria used in determining their ranking within the priority system. If anyone would like to receive a copy of either of these documents, they should contact William Moody 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 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. It will be held at 9:00 a.m. on Thursday, May 15, 2008. A transcript of the public hearing recording the comments and recommended solutions will be submitted to EPA along with the Final IUP. If anyone would like to receive a copy of the public hearing transcript, they should contact William Moody 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](http://www.msdh.state.ms.us/dwsrf).

## **II. Goals of Mississippi's Drinking Water Revolving Loan Fund**

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. The 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 water.

#### **A. Basic Goals**

- i) 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.
- ii) Determine the DWSIRLF's yearly interest rate, taking into consideration that it must be competitive with the private sector, as well as other available funding within the state. This will ensure the timely use of available funds, as well as ensure sufficient fund 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 DWSRF Goals**

1. Streamline Program Requirements/Procedures. MSDH intends to systematically evaluate the existing program requirements and procedures to determine possible ways to streamline the program, to make it more user-friendly, attractive and beneficial to loan recipients, while ensuring continued compliance with all federal and state regulations and requirements.
2. Maintain Cooperative Agreements with Other Lending Agencies. In addition to improving program requirements and procedures, staff members of the DWSIRLF Program 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-Asides to Fund Planning Grants. DWSIRLF staff are exploring the possibility of using a portion of the Local Assistance and Other State Programs set-aside to fund planning grants for water systems serving fewer than 5,000 population. The completed plans could then be used as facilities plans required for the DWSRF Program. Potential restrictions to this set-aside's use may include requiring appropriate action required by the grantee within a specified period of time and/or possibly requiring grantee to match a portion of the planning grant dollar for dollar.

### **C. Short-Term DWSRF Goals**

1. Complete the transition of DWSRF Program Administration from Mississippi Department of Environmental Quality (MDEQ) to MSDH. Previously, this was considered a long-term goal, but the transition plan has been accelerated at MDEQ's request. MDEQ is experiencing a significantly an increased workload related to Hurricane Katrina recovery projects funded through the Mississippi Development Authority (MDA). While existing personnel have completed training, new employees must be hired and trained to handle the project management load. Throughout this process, the MDEQ will remain available under the existing contract until July 30, 2008 to assist as needed in ensuring the DWSRF Loan Program activities continue with minimal disruption.
2. Refine and improve the DWSIRLF Loan Program with the goal of making it more attractive to the public water systems. This evaluation is based on input received from "one-on-one" visits with engineering firms' staff, meeting and conference appearances, and general feedback obtained from loan recipients and engineers during the loan process.
3. Complete revamping of all standard operating procedures, checklists, forms, and letters to reflect MSDH staff in full control of the DWSRF Program both administratively and programmatically. Additionally, the DWSRF staff is exploring the possibility of web-based checklists and forms to electronically store and process project management information.
4. Continue development of a web based system for tracking both DWSIRLF and Bureau of Public Water Supply projects which will allow access by consulting engineers, contractors, and loan recipients to check approval/comment status of their projects.
5. Continue to assist applicants in addressing capacity assessment deficiencies found during annual inspections by using technical solutions afforded to by the use of the technical assistance set-asides contracts.
6. Train new staff members using available training sessions offered and provided by EPA.

### **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 break down further to specific accounts for specific functions

## **A. DWSIRLF Loan/Operations Fund**

Monies in the Fund support a majority of the functions of the Loan Program. These functions include: administration of the program, set-aside operations, and most importantly, providing loans to public water systems for eligible projects. The Loan Program is a reimbursement program. After the loan is awarded, costs associated with planning and design, as well as project construction 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. DWSIRLF Set-aside Accounts:**

The set-aside accounts reside under the umbrella of the Fund. Separate accounts are maintained for each set-aside. A listing of the set-asides taken by Mississippi includes the following:

- i) **Administrative Set-aside:** Used to administer the loan program and other non-project-related activities.
- ii) **Small System Technical Assistance Set-aside:** Used to provide technical assistance to small water systems through the contractual services of the *Community Resources Group (CRG)*, Mississippi State University – Extension Service (MSU-ES) and the *Mississippi Rural Water Association (MsRWA)*
- iii) **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.

## **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 SRF Fund.

## **C. Drinking Water Systems Emergency Loan Fund (DWSELF)**

This fund contains 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-2008 the federal allotment and required state match will provide an estimated \$6,842,640 in loans to the public water supplies of Mississippi, with an estimated \$1,303,360 being utilized for set-aside activities. Unobligated funds from the previous year, anticipated loan repayments, and interest earnings are additional sources of funding, which are not classified as state match.

###### **1. Federal Allotment**

The capitalization grant is estimated to be \$8,146,000 based on the FY-2008 appropriation.

###### **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 were sold and deposited into the DWSIRLF fund on October 5, 2000.

- \$3,294,840 was used as state 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 SRF Fund during the 1<sup>st</sup> 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 1<sup>st</sup> 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 will be used to match a portion (\$3,127,955) of the FY-2008 cap grant.

During the 2008 Regular Legislative Session, ~~it is anticipated that~~ the state legislature will authorized an additional \$4,000,000 in general obligation bonds which should be sold and deposited into the Fund during the 4<sup>th</sup> Quarter of FY-2008.

- \$1,003,609 will be used to match the remaining FY-2008 cap grant.
- The remaining ~~3,496,391~~ \$2,996,391 funds will be used to match future capitalization grants.

### 3. Loan Increase Reserve

Beginning in FY-03 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 increases 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 amounts 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 Mississippi State Department of Health 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 insure 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 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 utilized for the purpose of making loans to the public water systems within the State of Mississippi.

1. Funding Limit

DWSIRLF loans may be limited at the discretion of the Board based on funds availability or as otherwise stated under state law.

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 completion of the original construction period.

3. Administration Fee

Revenues to pay for DWSIRLF program administration costs will be received from an administration fee of 5% of the original eligible loan amount that shall be charged to all FY-2008 loan recipients. This administration fee is an eligible DWSIRLF loan cost and will be included in each loan agreement. Should any loan for a certain project be terminated and later awarded again, the new administration fee will be based upon the current eligible loan amount in the new loan award, allowing credit for any previously paid administration fees. There is approximately \$1,600,000 in this program administration fund at this time. The Department expects to receive an additional \$1,683,352 during the current year, if the full requested amount of match is received.

4. Other Related Issues

- i) *Type of Assistance Provided:* The only type of assistance to be provided under the DWSIRLF loan program will be loans to public entities which are authorized under State law to collect, treat, store and distribute piped water for human consumption, and to enter into a DWSIRLF loan agreement, and which have the ability to repay the DWSIRLF loan. These loans will be for the construction of eligible drinking water production, treatment and distribution facilities.
- ii) *Project Costs Eligibility:* Eligible/allowable project costs will include those project 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.
- iii) *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.
- iv) *Pre-Award Costs:* Project costs incurred prior to loan award will be DWSIRLF loan eligible provided:
  - a. The debt is for work under a construction contract for which the notice to proceed was issued on or after October 1, 2007, and the DWSIRLF loan is awarded by September 30, 2008.
  - b. 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.
  - c. 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 of Health, 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.
  - d. The prospective loan recipient agrees that by incurring costs prior to loan award, no future commitment of funding a refinanced project is provided.

- v) *Priority List:* The FY-2008 Priority List expires on September 30, 2008. Projects listed in the FY-2008 Priority List that do not receive funding by this date will not be funded under the FY-2008 funding cycle, and will be subject to the requirements of the FY-2009 or subsequent Intended Use Plans and Priority Lists. Detailed information for the FY-2008 DWSIRLF projects is shown in Section VIII of this IUP.

## V. Set-Aside Activities

The Safe Drinking Water Act 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 \$1,303,360 of the federal grant to support these activities along with an additional estimated \$814,600 of 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 organization will be approved by the Board. Workplans for the taken set-asides are included as appendices within this IUP. Workplans provided will detail how funds will be expended. Additionally, progress reports will be included in the Annual Report for those set-asides taken.

### A. Administration

The State intends to set-aside funds from its FY-2008 Capitalization Grant for DWSIRLF administrative expenses to cover the cost of administering the DWSIRLF program. The Board intends to set-aside the maximum four (4%) or \$325,840 for administrative purposes as allowed by the SDWA. The majority of this set-aside will be used to pay salaries and fringe for program personnel dedicating time to the administration of the DWSIRLF. This set-aside will also be used for expenses related to travel, training and possible equipment needed to successfully operate the program. Costs beyond the set-aside's total 4% will be provided by funds generated through the 5% administrative fee included in each loan award. Additionally, the state wished to exercise its right to continue to reserve the FY-03 and FY-04 administrative set-aside funds from future capitalization grants to be taken when needed. Furthermore, in an effort to make the program more palatable to potential loan recipients, the state wishes to change the administrative fee collection method during the loan repayment phase as soon as we are financially able. Continuing to reserve the funds from FY-03 and FY-04 is necessary to ensure that administrative funds will be available during that lengthy transition to the new method.

### B. Small System Technical Assistance

The State intends to set-aside two (2%) percent or \$160,920 of its FY-2008 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; and Hands-on Operator Training. Each of these activities is described in detail in the State of Mississippi Small Systems Technical Assistance Set-Aside Work Plan included as Appendix F to this IUP.

### **C. State Program Management**

The State intends to set-aside the full ten percent (10%) or \$814,600 of its FY-2008 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 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-2008 PWSS expenditures that exceed the State's FY-2008 PWSS match requirement. The State is further allowed to use State FY-93 PWSS expenditures to offset the 100% match requirement as long as this amount does not exceed the amount that can be claimed from FY-2008 State 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-2008 State Program Management set-aside is furnished as Appendix H to this IUP.

### **D. Local Assistance and Other State Programs**

No new funds will be taken from the FY-2008 Capitalization grant for this set-aside.

## **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-2008 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 below 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. Loan Decreases

Any funds recovered from loan decreases during the year will be used: 1) first to fund bid overruns, if funds from the loan increase reserve are not sufficient to cover the bid overruns; 2) 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 3) 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.

3. Match for 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.

#### 4. Disadvantaged Communities

While the Board doesn't currently have a disadvantaged community program, in the two prior IUPs of FY-2006 and FY-2007, it provided a forbearance period of two years to specific water systems affected by Hurricane Katrina with loans currently in repayment. That forbearance period has since expired and all affected water systems have resumed repayments. Furthermore, the Board does not intend to implement a permanent disadvantaged communities program at this time.

### 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.

#### a. Category I - 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.

#### b. Category II - 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.

#### c. Category III - One Well

This category includes projects to provide 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, and thereby protecting the health of the existing population.

d. Category IV - 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.

e. Category V - 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 (GPB). If the public water system has not received its SWAPR from the 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 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 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  $\leq 300'$  in depth) unconfined water wells; shallow (generally  $\leq 300'$  in depth) confined water wells; and deep confined water wells.

f. Category VI - 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.

g. Category VII - 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.

h. Category VIII - 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.

i. Category IX - Secondary Drinking Water Standards Projects

This category includes projects to provide treatment that brings systems into compliance with Secondary Drinking Water Regulations.

j. Category X - 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.

k. Category XI - 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 Safe Drinking Water Act; (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:

a. Benefit/Cost

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

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

The number of benefiting connections must be included in the facilities plan submitted by the applicant and is 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).

b. 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.i. will be adjusted using the affordability factor in the following formula:

$$\text{Adjusted Benefit/Cost Points} = (\text{Affordability Factor}) \times (\text{Benefit/Cost Points})$$

The affordability factor used in the calculation is defined as the ratio of the 2006 median household income for the State of Mississippi (\$35,376) to the 2006 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.

c. 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 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.

$$\text{Consolidation Points} = 0.5 \times (\text{Benefit/Cost Points})$$

d. 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 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.

$$\text{System Capacity Points} = 0.25 \times (\text{Benefit/Cost Points})$$

e. Participation in Short-Term & Long-Term Assistance Programs

The State 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. Water systems participating in one of these assistance programs will receive additional priority points equal to 5% of their 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 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.

$$\text{Assistance Points} = \_ * x \text{Benefit/Costs Points}$$

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

f. 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 Benefit/Cost Points.

$$\text{Needs Survey Points} = 0.10 x \text{Benefit/Costs Points}$$

g. 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:

$$\text{Total Priority Points} = \text{Adjusted Benefit/Cost Points} + \text{Consolidation Points} + \text{System Capacity Points} + \text{Assistance Program Points} + \text{Needs Survey Points}$$

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

h. Small Community Set-Aside

Following completion of the ranking process, the Priority List will be reviewed to determine if at least 15% of 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. Due to the reduced number of 5,000 population and less water supplies that met the facilities planning deadline, the 15% will not be able to be satisfied.

It is anticipated that approximately 10.4% of all available DWSIRLF funds will be awarded to small communities with populations of 5,000 or less in FY-2008. No small communities that met the September 30, 2007, deadline for submitting a facilities plan were left off the fundable portion of the FY-08 Priority List.

Results to Date: Through the first eleven years of the DWSIRLF program (FY-97 through FY-07) the program has averaged 22.9% of all available funds being awarded to small communities (population less than 10,000 as defined in the Safe Drinking Water Act). During this same eleven-year period, 41.7% of all funds awarded went to small communities (population less than 10,000). In FY-07 14.7% of all available DWSIRLF funds were awarded to small communities with populations less than 10,000.

#### **D. Priority System Deadlines**

1. By October 1, 2007, 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, etc.) 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, or if the change is made after adoption of the Intended Use Plan, 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-08 and to be able to qualify for the Previous Year Certified Projects Category in the FY-09 IUP.

2. By May 1, 2008, a completed DWSIRLF loan application and all associated documents as described in the DWSIRLF regulations must be submitted to the MSDH. Prior to beginning these documents the potential applicant and/or its registered engineer must request and receive a DWSIRLF application and guidance, and it is recommended that they request a pre-application conference with Department staff as early in the application process as practical. This deadline also applies to all projects competing for released funds during FY-08 and to be able to qualify for the Previous Year Certified Projects Category in the FY-09 IUP.
3. By August 1, 2008, 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-08 and to be able to qualify for the Previous Year Certified Projects Category in the FY-09 IUP.
  - \* **Due to the current funds availability and demand for FY-2008, all projects submitting a complete or draft facilities plan to date have been included on the fundable portion of the priority list.**

**VII. FY-2008 Priority List**

**FINAL**

**Fiscal Year - 2008 Program Priority List  
Mississippi Drinking Water Systems Improvements Revolving Loan Fund**

**Category II: Primary Drinking Water Standards Projects**

<b>Project</b>	<b>Project Description</b>	<b>Zip Code</b>	<b>Priority Points</b>	<b>Service Area Population</b>	<b>Loan Amount Requested</b>	<b>Statewide Cum. \$</b>
Brandon, City of	New Elevated Tank	39042	4670	24000	\$2,205,000	\$2,205,000
Sunrise Utility Association	New Elevated Storage Tank	39465	3315	4350	\$584,482	\$2,789,482
Southwest Jones Water Association	Well, Elevated Tank, & Distribution Lines	39459	1347	6276	\$1,941,451	\$4,730,933

**Category III: One Well Projects**

<b>Project</b>	<b>Project Description</b>	<b>Zip Code</b>	<b>Priority Points</b>	<b>Service Area Population</b>	<b>Loan Amount Requested</b>	<b>Statewide Cum. \$</b>
New Hope Water Association	Water Well	39119	5518	2863	\$217,035	\$4,947,968
Days Water Association	Well and Treatment Plant	38651	537	2400	\$1,492,050	\$6,440,018

**Category IV: Pressure Deficiencies Projects**

<b>Project</b>	<b>Project Description</b>	<b>Zip Code</b>	<b>Priority Points</b>	<b>Service Area Population</b>	<b>Loan Amount Requested</b>	<b>Statewide Cum. \$</b>
Ridgeland, City of	Well and Elevated Storage Tank	39157	6944	20781	\$1,500,000	\$7,940,018
Langford Water Association	Elevated Storage, Well, Distribution, Generator, & Tank Rehab	39047	1257	4050	\$1,258,769	\$9,198,787

**Category VII: Back-up Water Supply Sources Projects**

<b>Project</b>	<b>Project Description</b>	<b>Zip Code</b>	<b>Priority Points</b>	<b>Service Area Population</b>	<b>Loan Amount Requested</b>	<b>Statewide Cum. \$</b>
Southaven, City of	1.0 MG Elevated Storage Tank	38671	812	38400	\$1,477,613	\$10,676,400
Southaven, City of	Distribution Improvements	38671	419	38400	\$840,431	\$11,516,831
Southaven, City of	Distribution Improvements	38671	235	38400	\$1,449,971	\$12,996,802

**Category VIII: Existing Facilities Upgrade (Meeting Primary Standards)**

<b>Project</b>	<b>Project Description</b>	<b>Zip Code</b>	<b>Priority Points</b>	<b>Service Area Population</b>	<b>Loan Amount Requested</b>	<b>Statewide Cum. \$</b>
Meridian, City of	SCADA System	39525	16218	39559	\$992,250	\$13,959,052

Meridian, City of	Sludge Removal System	39525	12163	39559	\$1,323,000	\$15,282,052
Brandon, City of	Raise Existing Elevated Tanks	39042	1775	24000	\$1,890,000	\$17,172,052
<b>*Funding Line 1 with Remaining Match – Available Funds \$25,147,606</b>						
<b>**Funding Line 2 with Full FY-08 Match – Available Funds \$30,466,467</b>						

**Category XI: Other**

<b>Project</b>	<b>Project Description</b>	<b>Zip Code</b>	<b>Priority Points</b>	<b>Service Area Population</b>	<b>Loan Amount Requested</b>	<b>Statewide Cum. \$</b>
Corinth Utilities Commission	Surface Water Treatment Plant	38835	2651	14200	\$16,495,000	\$33,667,052
<b>***Funding Line 3 with Full FY-08 Match and Full Requested Bond Proceeds – Available Funds \$33,762,858</b>						
Corinth Utilities Commission	Surface Water Treatment Plant Generators	38835	2650	14200	\$2,856,000	\$36,523,052

\* Funding Line 1 indicates available funds based on the remaining state match of \$625,591 capturing \$3,127,955 of the FY-2008 capitalization grant.

\*\* Funding Line 2 indicates available funds based on the remaining state match of \$625,591 and additional match of \$1,003,609 received during the 2008 Mississippi Legislative Session to capture the full FY-2008 capitalization grant (\$8,146,000).

\*\*\* Funding Line 3 indicates available funds based on the remaining state match of \$625,591 and receiving the full requested bond amount of \$4,000,000 during the 2008 Mississippi Legislative Session to capture the full FY-2008 capitalization grant and as well as credit towards future capitalization grants.

**Final**  
**Fiscal Year - 2009 and After Planning List**  
**Mississippi Drinking Water Systems Improvements Revolving Loan Fund**

(Projects included on the Planning List did not meet the September 30, 2007 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 can not be completed until the facilities plan has been submitted and reviewed.)

**Category II: Primary Drinking Water Standards Projects**

Project	Project Description	Zip Code	Priority Points	Service Area Population	Possible Funding Yr	Loan Amount Requested	Statewide Cum. \$
Hazlehurst, City of	Wells (3)	39083	2015	4437	FY-2009	\$1,485,225	\$1,485,225
Billy's Creek W/A	New Well, Pumps and Controls	38965	1775	2650	FY-2009	\$498,645	\$1,983,870

**Category III: One Well Projects**

Project	Project Description	Zip Code	Priority Points	Service Area Population	Possible Funding Yr	Loan Amount Requested	Statewide Cum. \$
Wheeler-Frankstown W/A	Supply, Storage, Treatment	38880	1732	4500	FY-2009	\$1,241,310	\$3,225,180
Mooreville-Richmond W/A	Wells, Tank, Generators, and Distribution	38857	1533	10200	FY-2009	\$1,480,395	\$4,705,575
Dexter W/A	Well, Treatment Plant, Elevated Tank, & System Consolidation	39067	459	263	FY-2009	\$462,000	\$5,167,575

**Category IV: Pressure Deficiencies Projects**

Project	Project Description	Zip Code	Priority Points	Service Area Population	Possible Funding Yr	Loan Amount Requested	Statewide Cum. \$
Diamondhead Water & Sewer Dist	Water Distribution	39525	4213	7500	FY-2009	\$807,030	\$5,974,605
Progress Community W/A	Elevated Tank and Distribution	39475	1734	5700	FY-2009	\$1,095,806	\$7,070,411
Glade Water W/A	Distribution Rehabilitation and Replacement	39443	1128	4000	FY-2009	\$1,327,949	\$8,398,360
Diamondhead Water & Sewer Dist	Water Distribution	39525	1097	7500	FY-2009	\$410,130	\$8,808,490
Oak Hill W/A	Elevated Tank and Distribution	38863	983	4000	FY-2009	\$1,410,000	\$10,218,490

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

<b>Project</b>	<b>Project Description</b>	<b>Zip Code</b>	<b>Priority Points</b>	<b>Service Area Population</b>	<b>Possible Funding Yr</b>	<b>Loan Amount Requested</b>	<b>Statewide Cum. \$</b>
Gautier, City of	Well and Elevated Tank	39553	6947	18850	FY-2009	\$1,492,365	\$11,710,855
Clinton, The City of	New Well & Distribution Lines	39060	4450	26000	FY-2009	\$1,909,855	\$13,620,710
Hub Water Association	New Well, Pressure Tank, Distribution, Distribution Improvements	39429	2946	2931	FY-2009	\$590,625	\$14,211,335
Biloxi, City of	Distribution Improvements	39530	96	50000	FY-2009	\$2,494,800	\$16,706,135

**Category VII: Back-up Water Supply Sources Projects**

<b>Project</b>	<b>Project Description</b>	<b>Zip Code</b>	<b>Priority Points</b>	<b>Service Area Population</b>	<b>Possible Funding Yr</b>	<b>Loan Amount Requested</b>	<b>Statewide Cum. \$</b>
Diamondhead Water & Sewer Dist	New Water Well	39525	5140	7500	FY-2009	\$661,500	\$17,367,635
Diamondhead Water & Sewer Dist	Elevated Storage and Pumping Station	39525	2352	7500	FY-2009	\$1,445,300	\$18,812,935
Diamondhead Water & Sewer Dist	New Water Well	39525	680	7500	FY-2009	\$661,500	\$19,474,435
Caledonia, Town of	New Well and Treatment Plant	39740	616	5500	FY-2009	\$3,416,700	\$22,891,135

**Category VIII: Existing Facilities Upgrade (Meeting Primary Standards)**

<b>Project</b>	<b>Project Description</b>	<b>Zip Code</b>	<b>Priority Points</b>	<b>Service Area Population</b>	<b>Possible Funding Yr</b>	<b>Loan Amount Requested</b>	<b>Statewide Cum. \$</b>
Belzoni, City of	Rehab Well, 8" Main, Fire Hydrants	39038	4711	5319	FY-2009	\$653,300	\$23,544,435
DeKalb, Town of	Rehabilitation of Elevated Tank	39328	4253	972	FY-2009	\$189,000	\$23,733,435
Vicksburg, City of	Repair & Upgrade Filters, Recarbonation Basins, & Softening Units	39180	2027	28000	FY-2009	\$4,687,200	\$28,420,635
Bunker Hill W/A	Distribution Improvements	39429	1413	1520	FY-2009	\$525,000	\$28,945,635
Piney Woods Country Life School	Elevated Storage Tank	39148	396	570	FY-2009	\$540,000	\$29,485,635
Hilldale Water District	Well, Treatment Plant, Distribution	39180	172	5505	FY-2009	\$3,735,065	\$33,220,700

Category XI: Other

Project	Project Description	Zip Code	Priority Points	Service Area Population	Possible Funding Yr	Loan Amount Requested	Statewide Cum. \$
Clinton, The City of	New Radio Meter Readers; Hardware & Software	39060	2646	26000	FY-2009	\$2,194,275	\$35,414,975
Corinth Uty Commission	Raw Water Transmission & Dist. Line	38835	843	14054	FY-2009	\$8,974,350	\$44,389,325
Corinth Uty Commission	Raw Water Intake Structure	38835	644	14054	FY-2010	\$11,746,875	\$56,136,200

**VIII. FY-2008 Detailed Project List with Additional Information**

Project Listing	No.	Population of Service Area	Project Schedule			Project Assistance				Technical Information				
			BCD*	CSD*	CCD*	Assist. Type	Assistance Amount	Interest Rate	Repay Period	Repay Date	Initial Category +	Project Priority Ranking	Cross-Cutter Equivalency Project	
Brandon, City of	FY-2008-1	24000	9/30/2008	3/1/2009	7/1/2010	Loan	\$2,205,000	1.95%	20 years	10/1/2010	2	4670	Yes	
Sunrise Utility Assn	FY-2008-2	4350	1/30/2008	4/1/2008	8/1/2008	Loan	\$584,482	1.95%	20 years	11/1/2008	2	3315	Yes	
Southwest Jones W/A	FY-2008-3	6276	1/30/2008	8/1/2008	4/28/2009	Loan	\$1,941,451	1.95%	20 years	7/28/2009	2	1347	Yes	
New Hope Water Assn	FY-2008-4	2863	1/30/2008	4/30/2008	7/30/2008	Loan	\$217,035	1.95%	20 years	10/30/2000	3	5518	Yes	
Days Water Assn	FY-2008-5	2400	9/1/2008	2/1/2009	2/1/2010	Loan	\$1,492,050	1.95%	20 years	5/1/2010	3	537	Yes	
Ridgeland, City of	FY-2008-6	20781	1/30/2008	3/30/2008	7/3/2009	Loan	\$1,500,000	1.95%	20 years	10/3/2009	4	6944	Yes	
Langford Water Assn	FY-2008-7	4050	1/30/2008	6/30/2008	6/24/2009	Loan	\$1,258,769	1.95%	20 days	9/24/2009	4	1257	Yes	
Southaven, City of	FY-2008-8	38400	1/1/2008	4/1/2008	5/5/2009	Loan	\$1,477,613	1.95%	20 years	8/3/2009	7	812	Yes	
Southaven, City of	FY-2008-9	38400	1/1/2008	4/1/2008	9/28/2008	Loan	\$840,431	1.95%	20 years	12/27/2000	7	419	Yes	
Southaven, City of	FY-2008-10	38400	1/1/2008	4/1/2008	9/28/2008	Loan	\$1,449,971	1.95%	20 years	12/27/2000	7	235	Yes	
Meridian, City of	FY-2008-11	39559	1/30/2008	3/30/2008	7/30/2008	Loan	\$992,250	1.95%	20 years	10/30/2000	8	16218	Yes	
Meridian, City of	FY-2008-12	39559	1/30/2008	5/30/2008	5/30/2010	Loan	\$1,323,000	1.95%	20 years	8/30/2010	8	12163	Yes	
Brandon, City of	FY-2008-13	24000	1/30/2008	3/30/2008	9/30/2008	Loan	\$1,890,000	1.95%	20 years	12/1/2008	8	1775	Yes	
Corinth Uty Commission	FY-2008-14	14200	8/1/2008	4/1/2009	10/1/2011	Loan	\$16,495,000	1.95%	20 years	1/12/2012	11	2651	Yes	
Small Sys. Tech. Assist.	FY-2008-15	N/A	N/A	N/A	N/A	Grant	\$162,920	N/A	N/A	N/A	12	N/A	N/A	
State Prog. Mgmt	FY-2008-16	N/A	N/A	N/A	N/A	Grant	\$325,840	N/A	N/A	N/A	12	N/A	N/A	
Admin. Program	FY-2008-17	N/A	N/A	N/A	N/A	Grant	\$814,600	N/A	N/A	N/A	12	N/A	N/A	
<b>Grand Total</b>							\$34,970,412							

- All of the above loan projects will require an environmental review in accordance with the State DWSIRLF regulation.

- These loan amounts include a 5% administrative fee charged to all FY-2008 loan recipients.

+ Project categories are defined in the Priority System on page 12 of this IUP. Category 12 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



## **IX. 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-08 IUP, and to ensure compliance with loan agreements, as required by state and federal laws and regulations.

By implementing this FY-08 IUP and funding projects shown on the FY-08 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. The public health protection outcomes resulting from the funding of these projects will be: three (3) systems will become compliant with primary drinking water standards; two (2) water systems will receive an additional water source; two (2) systems will realize improved pressures on their system; three (3) projects for one water system to receive back-up water supply sources for the water system; two (2) systems with three projects that are meeting primary standards will receive upgrades; and one (1) system with two projects will receive additional improvements. The success of the DWSIRLF Loan Program will be defined by the ability of the MSDH to successfully meet commitments in the FY-08 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. Four new wells are proposed which will increase the state's use of groundwater by a minimal amount. One of the proposed projects allows the system improved sludge handling for a 10 MGD iron removal treatment plant.

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## **Appendices**

11

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## A. FY-2008 Assumed Available Funds Mississippi DWSRF Program

The following breakdown of funds is based on an estimated actual appropriation of \$829,029,000 after applying the National Set-Asides of 1.7% will remain the same and a State Allotment formula of 1.0% for the Drinking Water SRF in Federal FY-2008.

<b>FY-2008 National Title I DWSRF Appropriation</b>	\$	<b>829,029,000</b>
Estimated Mississippi Allotment [section 1452(m)]*	\$	<b>8,146,000</b>
FY08 State Match Required (20% of Mississippi Allotment)	\$	<b>1,629,200</b>
<b>Total</b>		<b>9,775,200</b>
FY06 Bond Proceeds Available for State Match <sup>1</sup>	+ \$	<b>625,591</b>
FY08 Federal Funds Captured based on Available Match	+ \$	3,127,955
Anticipated FY08 State match funds to be received	+ \$	1,003,609
Anticipated FY08 Federal funds to be matched	+ \$	<u>5,018,045</u>
<b>Total FY-08 Federal and State Funds Available</b>	\$	<b>9,775,200</b>
<b>Set-Asides</b>		
DWSRF Administrative Expenses [section 1452(g)(2) - 4%]	\$	325,840
State Program Management [section 1452(g)(2)]	+ \$	814,600
Small Systems Technical Assistance [section 1452(g)(2) - 2%]	+ \$	<u>162,920</u>
<b>Total FY08 Set-Asides</b>	\$	<b>1,303,360</b>
Total FY08 Federal and State Funds Available	\$	9,775,200
Total FY08 Set-Asides	- \$	<u>(1,303,360)</u>
<b>Total FY08 Federal and State Funds Available for Loan Obligation</b>		<b>8,471,840</b>
Total FY-08 Federal and State Funds Available for Loan Obligation	+ \$	<b>8,471,840</b>
Additional Bond Proceeds Available to Match Future Cap Grants <sup>1</sup>	+ \$	<u>2,996,391</u>
Unobligated Funds Carried Over from FY-07 <sup>2</sup> (Less \$625,591 Bond Proceeds)	+ \$	14,973,200
Anticipated Loan Repayments Deposited (10/01/07 - 08/31/08)	+ \$	<u>5,843,626</u>
Anticipated Interest on Fund Deposited (10/01/07 - 8/31/08)	+ \$	1,448,498
Pending Loan Decreases	+ \$	1,029,303
Loan Increase Reserve <sup>3</sup>	- \$	<u>(1,000,000)</u>
<b>Total FY-08 Funds Available for New Loan Awards</b>		<b><u>33,762,858</u></b>
Funds Needed for Projects above the Funding Line and Meeting Deadlines.	- \$	<u>(36,573,052)</u>
<b>Funds Needed for Remaining Projects in FY-08</b>		<b><u>(2,810,194)</u></b>

\* MSDH intends to apply for the entire FY-2008 Cap Grant during FY-2008. Some of the match funds for this Cap Grant are expected to be provided after the end of FY-08; however the State will only obligate those federal funds that can be matched with bond proceeds available during FY-2008. The State will obligate all of the FY-08 Cap Grant funds within the eight (8) quarters allowed by federal regulations.

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 32.
3. See page 7.

**FY-2007  
End of Year  
Funds Report  
Mississippi DWSIRLF Program  
October 1, 2007**

The following breakdown of funds is based on an actual appropriation of \$837,494,900 after applying the 0.476% and a 1% rescission, that the National Set-Aside Assumptions will remain the same, and a State allotment formula of 1.0% for the Drinking Water SRF in federal FY-2007.

<b><u>FY-2007 National Title I DWSRF Appropriation</u></b>	\$	<b>822,900,000</b>
Mississippi Allotment [section 1452(m)]*	\$	<b>8,229,000</b>
FY-07 State Match Required (20% of Mississippi Allotment)	\$	1,645,800
Total	\$	<u>9,874,800</u>
Bond Proceeds Available for State Match	\$	<b>1,645,800</b>
Federal Funds Captured based on Available Match	+ \$	8,229,000
Total FY-07 Federal and State Funds Available	\$	<u>9,874,800</u>
<b>Set-Asides</b>		
DWSRF Administrative Expenses [section 1452(g)(2) - 4%]	\$	329,160
State Program Management [section 1452(g)(2)]	+ \$	822,900
Small Systems Technical Assistance [section 1452(g)(2) - 2%]	+ \$	164,580
Total Set-Asides	\$	<u>1,316,640</u>
Total FY-07 Federal and State Funds Available	\$	9,874,800
Total Set-Asides	- \$	<u>(1,316,640)</u>
Total FY-07 Federal and State Funds Available for Loan Obligation		<b>8,558,160</b>
Total FY-07 Federal and State Funds Available for Loan Obligation	+ \$	<b>8,558,160</b>
Bond Proceeds Available for Match Future Cap Grants	+ \$	625,591
Unobligated Funds Carried Over from FY-06 (Less \$2,270,820 Bond Proceeds)	+ \$	14,040,082
Loan Repayments Deposited 10/1/06 - 9/30/07	+ \$	6,047,051
Interest on Fund Deposited 10/1/06 - 9/30/07	+ \$	1,580,179
Decrease Amendments 10/1/06 - 9/30/07	+ \$	1,636,182
Increase Amendment from Increase Reserve 10/1/06 - 9/30/07	- \$	-550,541
Remaining Loan Increase Reserve	- \$	-449,459
Total FY-07 Funds Available for New Loan Awards		<b>31,487,245</b>
Funds Needed for Projects on the FY-07 Priority List and for Projects on the FY-08 Planning List Receiving FY-07 Funds	- \$	<u>(15,888,454)</u>
Excess Funds Available for New Projects in FY-07		<b>15,598,791</b>

- MSDH applied for the entire Cap grant during FY-07.
- See Section IV.A.ii. – State Match Funds on page 7 of this IUP. During the 2006 Legislative session, the necessary bond appropriation bill was passed and match funds were available during the 1<sup>st</sup> Quarter FY-2007.

B. Projected Schedule of Outlays

1. Projected Schedule for Projects and Grants

Projects	20 FY-08	20 FY-09	40 FY-08	40 FY-09	10 FY-09	20 FY-09	20 FY-09	30 FY-09	40 FY-09	10 FY-10	20 FY-10	30 FY-10	40 FY-10	10 FY-11	20 FY-11	30 FY-11	40 FY-11	10 FY-12	20 FY-12	30 FY-12	40 FY-12	Totals		
Bradley, City of	\$0	\$0	\$148,750	\$43,750	\$43,750	\$125,781	\$377,344	\$0	\$0	\$377,344	\$377,344	\$377,344	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,205,000	
Suamico Utility Assoc.	\$64,282	\$390,130	\$130,050	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$384,482	
Southwest Jones WIA	\$142,597	\$0	\$438,748	\$382,903	\$382,903	\$582,903	\$194,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,941,451	
New Hope WIA	\$24,335	\$192,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$277,035	
Days WIA	\$163,830	\$116,683	\$332,650	\$332,650	\$332,650	\$221,367	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,492,050	
Ridgeland, City of	\$75,000	\$285,000	\$285,000	\$285,000	\$285,000	\$285,000	\$285,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	
Langford WIA	\$105,815	\$45,872	\$276,771	\$276,771	\$276,771	\$276,771	\$276,771	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,258,769	
Southaven, City of	\$107,613	\$316,154	\$316,154	\$316,154	\$316,154	\$316,154	\$105,384	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,477,613	
Southaven, City of	\$93,398	\$373,416	\$373,417	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$801,431	
Southaven, City of	\$161,476	\$644,247	\$644,248	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,449,971	
Meridian, City of	\$92,250	\$675,000	\$225,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$392,250	
Meridian, City of	\$93,090	\$130,000	\$160,000	\$100,000	\$300,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,323,000	
Brandon, City of	\$165,000	\$862,500	\$862,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,890,000	
Coastal City Commission	\$0	\$0	\$0	\$0	\$0	\$1,217,242	\$0	\$1,217,242	\$0	\$431,746	\$1,484,601	\$1,484,601	\$1,484,601	\$1,484,601	\$1,484,601	\$1,484,601	\$1,484,601	\$1,484,601	\$1,484,601	\$1,484,601	\$1,484,601	\$1,484,601	\$16,495,000	
Total FY-08 Projects	\$1,288,814	\$4,025,722	\$4,132,688	\$2,136,628	\$2,136,628	\$2,218,659	\$1,660,165	\$1,294,586	\$377,344	\$809,090	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$35,667,052	
FY-09 Projects	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total All Projects	\$1,288,814	\$4,025,722	\$4,132,688	\$2,136,628	\$2,136,628	\$2,218,659	\$1,660,165	\$1,294,586	\$377,344	\$809,090	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$35,667,052	
Federal FY-08 Cap. Grant (20.5%)	\$0	\$0	\$0	\$1,725,754	\$1,792,011	\$1,340,915	\$1,247,047	\$304,781	\$391,232	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0,842,640
State Match FY-08 (4.9%)	\$0	\$0	\$0	\$410,874	\$426,648	\$319,230	\$306,639	\$71,563	\$93,226	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,629,260
Other Funding (74.6%)	\$1,288,814	\$4,025,722	\$4,332,688	\$0	\$0	\$0	\$0	\$0	\$0	\$324,632	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$35,195,212	
Total Funding	\$1,288,814	\$4,025,722	\$4,332,688	\$2,136,628	\$2,218,659	\$1,660,165	\$1,294,586	\$377,344	\$809,090	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$1,861,945	\$33,667,052	

\* Other Funds include DWSBBLF Bond proceeds, DWSBBLF Loan Repayments, and money recovered from loan amendments

**II. Projected Schedule of Outlays for Set-asides**

<b>Federal</b>	<b>4Q FY-08</b>	<b>1Q FY-09</b>	<b>2Q FY-09</b>	<b>3Q FY-09</b>	<b>4Q FY-09</b>	<b>1Q FY-10</b>	<b>2Q FY-10</b>	<b>Totals</b>
Small Sys. Tech. Assist.	\$0	\$40,730	\$40,730	\$40,730	\$40,730	\$0	\$0	\$162,920
State Program Mgt.	\$0	\$203,650	\$203,650	\$203,650	\$203,650	\$0	\$0	\$814,600
Administrative Program	\$0	\$81,460	\$81,460	\$81,460	\$81,460	\$0	\$0	\$325,840
<b>Total Set-Asides</b>	\$0	\$325,840	\$325,840	\$325,840	\$325,840	\$0	\$0	\$1,303,360

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

<u>Payment (LOC) Number</u>	<u>Payment (LOC) Date</u>	<u>Payment (LOC) Amount</u>	<u>Cumulative (LOC) Amount</u>
FY-2008 No. 1 of 5	1st Quarter FY-2009	\$ 2,200,000	\$ 2,200,000
FY-2008 No. 2 of 5	2nd Quarter FY-2009	\$ 2,200,000	\$ 4,400,000
FY-2008 No. 3 of 5	3rd Quarter FY-2009	\$ 1,800,000	\$ 6,200,000
FY-2008 No. 4 of 5	4th Quarter FY-2009	\$ 1,800,000	\$ 8,000,000
FY-2008 No. 5 of 5	1st Quarter FY-2010	\$ 146,000	\$ 8,146,000

**D. Projected Schedule of Drawdown's Against Federal Letter of Credit  
(ACH Draw Schedule)**

<u>Outlay Quarter</u>	<u>Federal Outlay Amount</u>	<u>Cumulative Outlay Amount</u>
1Q FY-2009	\$ 2,075,000	\$ 2,075,000
2Q FY-2009	\$ 2,150,000	\$ 4,225,000
3Q FY-2009	\$ 1,680,000	\$ 5,905,000
4Q FY-2009	\$ 1,625,000	\$ 7,530,000
1Q FY-2010	\$ 315,000	\$ 7,845,000
2Q FY-2010	\$ 301,000	\$ 8,146,000

## **E. Mississippi Small Systems Technical Assistance Set-Aside Workplan**

### **INTRODUCTION**

The Mississippi State Department of Health, Bureau of Public Water Supply proposes to use the Small Systems Technical Assistance Set-aside of the Drinking Water State Revolving Loan Fund in an assistance and training program directed at improving the technical, managerial, and financial capabilities of small community public water systems (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 Safe Drinking Water Act.

### **SELECTION PROCESS**

A request for proposals (RFP) was published in the legal section of *The Clarion-Ledger* on May 2<sup>nd</sup> and 9<sup>th</sup>, 2007 with a submittal deadline of 3:00 p.m. on May 25, 2007. 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 on June 4, 2007. Two of the contracts described below are for a two-year period with an optional third year. The Board Management Training for Water System Officials contract which was set for a two-year period is set to expire for June 30, 2008. The contracts were awarded to three different contractors with work beginning on all contracts July 1, 2007. Community Resources Group (CRG) was awarded the Small Systems Technical Assistance contract (long term and intermediate technical assistance), and the Mississippi Rural Water Association was awarded the specialized Hands-On Operator Training. Mississippi State University will continue to conduct the Management Training for Water System Officials through June 30<sup>th</sup> of 2008.

### **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 eighteen (18) small public water systems annually. At a minimum, the contractor will provide comprehensive assistance to at least nine (9) public water systems per contract year. The Mississippi State Department of Health (MSDH) will provide a list of systems that are to receive this assistance to the contractor at the beginning of each contract year. Within 30 days of the start date for that contract year, the contractor will identify with the help of MSDH which nine (9) systems are to receive comprehensive technical assistance, complete an initial assessment of the needs of each of the nine (9) 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 beginning to provide 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. Nine (9) 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 1 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 eighteen (18) 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 twelve (12) hands-on operator training sessions with in 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. **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 State Department of Health. 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 2 sessions/contract year/training organization unannounced and furnish both MSDH and the Board members a written report within 7 days of attendance in order to prepare a report to MSDH and the Board members 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.

#### **AGENCY RESPONSIBILITIES**

The Mississippi Department of Health 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. 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 14, 2008, a legal notice was published to request public comments on the Draft FY-08 Intended Use Plan (IUP) that will set-aside \$814,600 of the State's FY-08 DWSRF capitalization grant for State Program Management activities to support the Mississippi State Department of Health, FY-08 Public Water Systems Supervision Program (FY-09 PWSS Program) as allowed under Section 1452(g)(2) of the Safe Drinking Water Act Amendments of 1996. After a public comment period a public hearing will be held on May 15, 2008, to receive and consider comments from the public on the draft IUP. After resolution of any comments from the public, the final FY-08 IUP will be presented to the Board for adoption during the next scheduled board meeting. The Final IUP will be effective thirty day after that board meeting.

This work plan describes how FY-08 DWSRF State Program Management set-aside funds will be expended to support the FY-09 PWSS Program.

**FUNDING AMOUNT**

The State reserves \$814,600 of its FY-08 Drinking Water State Revolving Fund capitalization grant to be set-aside for State Program Management activities to support the FY-09 PWSS Program. The reserved amount represents 10% of the State's expected FY-08 capitalization grant and is specified for expenditure during FY-09.

Cost Breakdown	
Administrative/Staffing	\$367,759
Fringe Benefits	\$ 94,784
Capacity Assessment Processing Costs	\$ 5,000
Contractual Agreements	\$254,690
<u>Indirect Costs</u>	<u>\$ 92,367</u>
<b>Total Funding Amount</b>	<b>\$814,600</b>

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

The State projects forty-four (44) FTEs will be required to implement the FY-09 PWSS Program. A total of 5.5 FTEs will be funded by this set-aside. \$462,543 will be reserved from the FY-08 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:

<b>Position</b>	<b>Quantity (FTE)</b>
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Environmental Engineer IV	2.0
Environmental Engineer III	1.0
Environmental Engineer II	1.0
Environmental Engineer-In-Training	0.5
Division Director I	<u>1.0</u>
<b>Total FTEs</b>	<b>5.5</b>

The remaining \$254,690 will be used for indirect costs, supplies and possible contractual services for technical assistance needed to accomplish the requirements of the FY-09 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-08 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 public water system supervision 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 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 Region 4 on any special state initiatives under the rules or Provisions of the SDWA; maintaining records for all rule/policies, enforce 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 public water systems 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; notify (if necessary) EPA of intent not to adopt to 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 public water system supervision program, monies from this set-aside provide support to activities that are of a non-primacy nature. Those 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 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 public water systems. The MSDH capacity development 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 incorporates 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 public water systems in the state. Additionally, annual documentation of ongoing implementation of the CD strategy is to be provided with SRF grant application.

#### **Unregulated Contaminant Monitoring Rule**

This particular aspect of the PWSS involves informing systems greater than 10,000 population and systems less than 10,000 population 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 dictated by the SDWA and required to maintain full funding for the DWSRLF, operator certification is an essential part of the public water system supervision 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 FY97, a set-aside for DWSRLF 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 Public Water Supplies.

### **Auxiliary Services**

These services include various aspects related to data management, compliance and enforcement of the Public Water Supply Supervision 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-08 PWSS Work plan.

#### **AGENCY RESPONSIBILITIES**

The Mississippi Department of Health 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-08 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. Mississippi State Program Management Set-aside Match Requirements

#### Mississippi 1:1 Requirement for FY 2008 State Program Management Set-aside

	FY 1993	FY 2008
PWSS Grant	\$769,600	\$1,216,900
State Required Match for PWSS Grant	\$256,533	\$401,577
Actual State PWSS Contribution	\$256,533	\$2,054,773
State PWSS Overmatch	\$ 0	\$1,653,196
State PWSS Expenditures <u>Eligible</u> for 1:1 SPM Match	\$134,078	\$1,653,196
State PWSS Expenditures <u>Claimed</u> for 1:1 SPM Match	\$134,078	\$814,600

Mississippi requests \$814,600 of its FY-2008 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, \$814,600 in additional State funds will be required. The State provided \$1,653,196 above the State's PWSS match requirement in FY-2008. This contribution is provided through the collection of Water Quality Analysis Fee by the Bureau of Public Water Supply. In accordance with Section 1452(g)(2) of the Safe Drinking Water Act of 1996, the State claims \$814,600 from its FY-2008 PWSS overmatch as credit to satisfy the \$814,600 additional State match required to set-aside \$814,600 of its FY-2008 Capitalization Grant for SPM activities.

H. Coordination Schedules for Jointly Funded Projects

FY-2008 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)			RUS*
	ARC	CDBG		
May 1, 2007	Mississippi Appalachian Regional Office (MARO) notifies potential applicants & local Planning & Development Districts of the September 1, 2007, deadline for submitting complete ARC grants applications.	(N/A)	(N/A)	(N/A)
Sept 1, 2007	All FY-08 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)	(N/A)
Oct 1, 2007**	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, 2007	MS State Dept of Health (MSDH) notifies MARO of loan applicants who have submitted complete facilities plans which indicate anticipated FY-2008 ARC funding. MARO notifies MSDH of ARC grant applicants who submitted pre-applications which indicate anticipated FY-08 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-2008 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-2008 RUS funding	
Nov 15, 2007	MARO completes review of FY-08 projects and briefs Governor on proposed Priority 1 and Priority 2 project list, as well as projects not eligible to be funded.	(N/A)	(N/A)	(N/A)
Nov 15-30, 2007	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)	(N/A)

	ARC	CDBG	RUS
Oct 18, 2007	(N/A)	CDBG program application workshops.***	(N/A)
Nov, 2007	MSDH advertises Draft DWSIRLF FY-2008 Intended Use Plan for public comment.	MSDH advertises Draft DWSIRLF FY-2008 Intended Use Plan for public comment.	MSDH advertises Draft DWSIRLF FY-2008 Intended Use Plan for public comment.
Dec 30, 2007	Deadline for all FY-08 Priority 1 documentation and forms to be submitted to MARO.	(N/A)	(N/A)
Dec, 2007	Board adopts FY-2008 DWSIRLF Intended Use Plan accounting for anticipated ARC award amounts if identified in facilities plan.	Board adopts FY-2008 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 DWSIRLF loan application with maps and appropriate attachments will be accepted from 12/7&8/2007	Board adopts FY-2008 DWSIRLF Intended Use Plan, accounting for anticipated RUS award amounts if identified in facilities plan.
Jan 20, 2008	(N/A)	Deadline for a CDBG grant applicant to submit a water viability review form to MDA.	(N/A)
Jan, 2008	MSDH notifies MARO of projects included on final FY-2008 Priority List that anticipate receiving FY-2008 ARC funds.	MSDH notifies MDA of projects included on the Final FY-2008 Priority List that anticipate receiving FY-2008 CDBG funds.	MSDH notifies RUS of projects included on the final FY-2008 Priority List that anticipate receiving FY-2008 RUS funds.
Feb 1, 2008	MARO sends project applications to ARC-Washington to start final funding approval process.	(N/A)	(N/A)
Feb 16, 2008	(N/A)	CDBG public facilities applications, along with one copy of the DWSIRLF loan application with maps and appropriate attachments, will be accepted from 2/16/2008 until 4:00 p.m. on 2/17/08.	(N/A)
Feb- Jun, 2008	ARC-Washington starts the final funding approval process and awards ARC grants during the spring or summer of 2008.	(N/A)	(N/A)
Mar, 2008	(N/A)	MDA provides notification to MSDH that complete CDBG applications have been received.	(N/A)

	ARC	CDBG	RUS
May 1, 2008**	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) (N/A)
May, 2008	(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, 2008	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, 2008**	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, 2008	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 MAARO.	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-2008 DWSIRLF Priority System Deadline**

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

## **I. 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 all the federal cross-cutter requirements required in the DWSIRLF Program, thereby saving valuable time and expense. This Emergency Loan Fund 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.

## J. 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 Intended Use Plan. 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 Mississippi State Department of Health's website at [www.msdh.state.ms.us/dwsrf](http://www.msdh.state.ms.us/dwsrf).

A public hearing will be held at 9:00 a.m. on Thursday, May 15, 2008, 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. If anyone would like to receive a copy of the public hearing transcript they should contact William Moody 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.
8. The State certifies that prior to adding any new projects to the FY-2009 and After Planning List for the purpose of funding such a project during FY-2008 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 capacity development program is currently approved by EPA.
10. The State certifies the State's Operator Certification Program is currently approved by EPA.