

# **Water Infrastructure Finance Authority**

## **2008 Intended Use Plan**



**Arizona Drinking Water State Revolving Fund**

## DWSRF Table of Contents

<b>I. INTROUCTION .....</b>	<b>1</b>
<b>A. History and Legislation .....</b>	<b>1</b>
<b>B. Financial Status of the Arizona DWSRF .....</b>	<b>1</b>
<b>C. Arizona Request .....</b>	<b>1</b>
<b>II. TYPES OF PROJECTS TO BE FUNDED FROM THE VARIOUS DWSRF</b>	
<b>ACCOUNTS .....</b>	<b>2</b>
<b>A. The types of projects for which loan funds from the account for the revolving</b>	
<b>fund are intended include: .....</b>	<b>2</b>
<b>B. Activities intended to be funded from the account for set-aside programs</b>	
<b>include .....</b>	<b>2</b>
<b>III. DWSRF LOAN PROGRAM DESCRIPTION AND GOALS .....</b>	<b>3</b>
<b>A. DWSRF Loan Program General Information .....</b>	<b>3</b>
<b>B. Long-Term Goals .....</b>	<b>4</b>
<b>C. Short-Term Goal .....</b>	<b>4</b>
<b>IV. DWSRF SET-ASIDE PROGRAM DESCRIPTION .....</b>	<b>5</b>
<b>A. Financial Assistance for Loans .....</b>	<b>5</b>
<b>B. Public Water system Supervision .....</b>	<b>5</b>
<b>C. Local Assistance .....</b>	<b>6</b>
<b>D. Program Administration .....</b>	<b>7</b>
<b>V. CRITERIA AND METHOD FOR DISTRIBUTION OF FUNDS .....</b>	<b>7</b>
<b>A. Priority list (PL) .....</b>	<b>7</b>
<b>B. Priority List Updates .....</b>	<b>7</b>
<b>C. Project Readiness to Proceed .....</b>	<b>7</b>
<b>D. Assistance to Small Systems .....</b>	<b>7</b>
<b>E. WIFA Loan &amp; Subsidy Rates .....</b>	<b>8</b>
<b>F. Emergency Funding .....</b>	<b>8</b>
<b>G. Binding Commitments .....</b>	<b>8</b>
<b>VI. ASSISTANCE TO PUBLIC WATER SYSTEMS SERVING DISADVANTAGED</b>	
<b>COMMUNITIES .....</b>	<b>9</b>
<b>VII. U.S. ENVIRONMENTAL PROTECTION AGENCY STRATEGIC PLAN GOALS</b>	
<b>AND OBJECTIVES .....</b>	<b>9</b>
<b>VIII. PUBLIC REVIEW AND COMMENT .....</b>	<b>9</b>

### Table of Attachments

<b>Attachment A</b>	<b>2008 Priority List</b>
<b>Attachment B</b>	<b>Fundable Range for Design</b>
<b>Attachment C</b>	<b>Fundable Range for Construction</b>

## **I. INTROUCTION**

### **A. History and Legislation**

In August 1996 the Safe Drinking Water Act Amendments were passed by congress. This Act authorized the states to establish drinking water revolving funds for community drinking water infrastructure needs for the first time.

Passage of H.B. 2304 by the Arizona Legislature April 22, 1997, transformed the Wastewater Management Authority of Arizona into the Water Infrastructure Finance Authority of Arizona (WIFA). The WIFA was charged with administering the Clean Water State Revolving Fund (CWSRF) for wastewater projects and the new Drinking Water State Revolving fund (DWSRF) for drinking water infrastructure needs. The Board of Directors was expanded from seven to twelve members.

Title 18, Chapter 15 of the Arizona Administrative Code establishes detailed rules for the Water Infrastructure Finance Authority.

The 2008 Intended Use Plan describes how WIFA intends to use available DWSRF funds for the year to meet the objectives of the Safe Drinking Water Act and further the goal of protecting public health.

### **B. Financial Status of the Arizona DWSRF**

Since program inception, Arizona has received eleven DWSRF Capitalization Grants from EPA for a total of \$154,309,950.

The WIFA Board of Directors is pleased to release Arizona's Drinking Water State Revolving Fund (DWSRF) Intended Use Plan (IUP) for the 2008 funding cycle. The DWSRF IUP describes WIFA's plan to utilize various sources of funds to finance drinking water infrastructure and support related program activities during the 2008 funding cycle from January 1, 2008 through December 31, 2008.

### **C. Arizona Request**

This Intended Use Plan (IUP) is a required element of the grant application documentation to obtain the FFY 2008 grant award. Arizona herewith submits its IUP for the FFY 2008 funds available to Arizona for the purposes of continuing the development, implementation and administration of the DWSRF program in Arizona. The total available to Arizona from EPA's FFY 2008 allotment is \$23,118,000. This allotment will be matched by the 20% state match requirement of \$6,006,600. Arizona intends to divert \$3,332,720 of this allotment to the account for set-aside programs, leaving \$19,785,280 in federal funds for the revolving loan fund.

## **II. TYPES OF PROJECTS TO BE FUNDED FROM THE VARIOUS DWSRF ACCOUNTS**

### **A. The types of projects for which loan funds from the account for the revolving fund are intended include:**

1. The construction/upgrading of water treatment facilities;
2. Supplemental water source interconnect;
3. Arsenic treatment to meet public health standards and to protect public health;
4. Consolidation and interconnection of public water systems;
5. Planning and engineering associated with eligible projects;
6. Replacement/rehabilitation of transmission lines and storage facilities;
7. New water wells;
8. Water system expansion;
9. Other projects necessary to address compliance/enforcement or security issues.

### **B. Activities intended to be funded from the account for set-aside programs include:**

1. Administration of the DWSRF program;
2. Public Water System Supervision (PWSS);
3. Local assistance;
4. Capacity development, wellhead protection, operator certification;
5. Technical assistance grants to small public water systems serving 10,000 or fewer persons.

### **III. DWSRF LOAN PROGRAM DESCRIPTION & GOALS**

#### **A. DWSRF Loan Program General Information**

The Arizona DWSRF Loan Program funds publicly- and privately-owned community water systems and non-profit non-community water systems. Eligible projects include installation and replacement of failing treatment facilities, eligible storage facilities and transmission and distribution systems. Projects to consolidate water systems may also be eligible. Loans made under the program currently have interest rates of less than 4 percent (except in the case of a privately owned facility). Loan repayments to the State will provide a continuing source of infrastructure financing into the future. The program also places an emphasis on small and disadvantaged communities and on programs that emphasize prevention and sustainability as tools for ensuring safe drinking water.

#### **Financial Terms of Loans for Public Water System Projects:**

1. Subject to the limitation in paragraph 2 of this section, all loans for the financing of projects, will be for a term not to exceed 20 years from loan closing date, except that under some conditions, loans to disadvantaged communities for financing projects may be made for a period of up to 30 years from loan closing date;
2. Loan terms are not to exceed the useful life of the project;
3. Terms of financial assistance to public water systems serving disadvantaged communities are addressed in Section VI;
4. Repayment of loan principal must begin within 12 months of project completion based on the construction schedule available at the loan closing date or actual completion date or three years from the date of the initial principal advance, whichever is earlier;
5. Loans are to be made on a cost reimbursement basis;
6. Leveraging: The decision to leverage will be based on demand on the loan fund for projects to address health concerns, market conditions and long term impact to the fund;
7. WIFA has not implemented forgivable principal because WIFA is a leveraged program;
8. The Controller will allocate income from the Standard Combined Interest and Fee rate (CIFR) as either fee income or interest income in accordance with the table located on page 4.

**Combined Interest and Fee Rate (CIFR)**

<b>Financial Structure</b>	<b>CIFA</b>	<b>Portion of CIFR Allocated as Fees</b>	<b>Portion of CIFR Allocated as Interest</b>
Governmental Loan	*Set in accordance with Section 1 of this Procedure	1.5%	Remainder of CIFR
Non-Governmental Loan		3.0%	Remainder of CIFR
Linked Deposit Guarantees		Determined on a case by case basis	Determined on a case by case basis

\*Government Loan – Tax Exempt AAA Bond Rate (times) Subsidy Rate

\*Non-Government Loans – Prevailing Prime Rate (times) Subsidy Rate

**DW Fee Income and Uses**

<b>Fee Income</b>	<b>Interest Income</b>	<b>Technical Assistance Grants</b>	<b>Set -Asides</b>	<b>Contractors</b>
\$1,172,095	\$356,852		\$477,000	\$80,000

**B. Long-Term Goals**

For purposes of this IUP, long term goal is defined as the life of the program. The following are the long-term goals of the loan program:

- Ø Award WIFA’s resources in accordance with the needs of Arizona’s citizens;
- Ø Maintain the fiscal integrity of WIFA’s funds and assure continuous enhancement for future generations;
- Ø Facilitate access to and efficiently deliver financial and technical assistance to Arizona’s drinking water facilities;
- Ø Coordinate with other funding agencies through the Rural Water Infrastructure Committee (RWIC).

**C. Short-Term Goal**

For the purposes of this IUP, a short-term goal is an activity intended to be initiated and, in some cases, completed within a year.

- Ø Make drinking water infrastructure loans more accessible and affordable to small communities by making \$48,782,463 in funding available for below market rate interest loans.







many times when WIFA along with a RWIC funding partner are both able to help the system with financial and/or technical assistance.

*\* Arizona's RWIC (Rural Water Infrastructure Committee) is composed of representatives from various federal and state agencies with loan, grant and technical assistance programs.*

**E. WIFA Loan & Subsidy Rates** – The WIFA Board of Directors has established a target interest rate ranging between 70% and 95% of tax-exempt AAA Bond Rate for government entities and 70% to 95% of the prevailing prime rate for non-government entities. The subsidy rate is based on the local fiscal capacity which is measured by the area's median household income, user rates and charges, the community's outstanding and proposed debt and cost effectiveness of project. Interest rates/subsidies on individual loans will be set pursuant to the criteria below:

- J Priority of the project;
- J Local fiscal capacity of the area served by the system requesting assistance; and,
- J Lending capacity of Arizona's DWRF.

**F. Emergency Funding**

WIFA can provide up to \$250,000 for emergency funding under the criteria set forth in Policy 1.019 below:

**Eligible Applicants**

- Cities
- Towns
- Tribes
- Counties
- Municipal Improvement Districts

**Required Conditions**

- The term of the loan does not exceed one year.
- The dollar amount of the loan does not exceed two hundred fifty thousand dollars (\$250,000) per borrower, per emergency event.

The purpose of the loan is to provide assistance for designing, redesigning, engineering, reengineering, constructing or reconstructing water or wastewater systems that have failed as the result of a disaster, a natural disaster or a catastrophic event.

The disaster, natural disaster or catastrophic event is memorialized in a declaration of emergency by the governor or the federal emergency management agency.

**G. Binding Commitments** – If the WIFA Board of Directors approves an applicant's financial assistance request, WIFA staff will prepare and circulate financial assistance (loan) documents to evidence the binding commitment in accordance with applicable federal and state requirements.

## **VI. ASSISTANCE TO PUBLIC WATER SYSTEMS SERVING DISADVANTAGED COMMUNITIES**

### **A. Disadvantaged Community WIFA Policy 1.012:**

The WIFA Board may designate an entity a “Disadvantaged Community” if the entity fails to meet the 1.2 debt service coverage, and

- The applicant’s project is above the 50 percentile on the DWRP or the CWRP Project Priority List, and
- WIFA awarded the applicant 50 or more Local Fiscal Capacity points on the DWRP or the CWRP Project Priority List, or
- The Community is a designated “Colonia” Community through the federal government.
- WIFA may reduce the combined interest and fee rate (CIFR) and/or extend the loan term up to 30 years for a “Disadvantaged Community.”

## **VII. U.S. ENVIRONMENTAL PROTECTION AGENCY STRATEGIC PLAN GOALS AND OBJECTIVES**

The Arizona DWSRF program supports the National USEPA Strategic Plan Goal 2 (Clean and Safe Water), Objective 1 (Protect Human Health), Sub-objective 1 (Water safe to Drink). Arizona established and is managing the revolving loan fund to make low cost loans and other types of assistance to water systems to finance the cost of infrastructure projects to achieve or maintain compliance with Safe Drinking Water Act requirements.

## **VIII. Public Review and Comment**

Public review and written comment period will be conducted from November 30, 2007 thru December 13, 2007.

WIFA will solicit public review and comment on the draft 2008 DWSRF IUP and PL according to the following schedule:

November 30, 2007	Distribution and Web posting of the draft DWRP IUP and PL to all interested parties.
December 13, 2007	Public Hearing – 1110 West Washington, Room 130, Phoenix, Arizona 85007 from 1:00 P.M. to 2:00 P.M.
December 13, 2007	Deadline for public comments on the draft DWSRF IUP and PL is 5:00 P.M.
December 19, 2007	The WIFA Board of Directors adopts the final DWSRF IUP and PL.
January 2, 2008	Final DWSRF IUP and PL become effective. Distribution and Web posting of final DWSRF IUP and PL.

WIFA will solicit public review and comment on the revised draft 2008 DWSRF IUP and PL according to the following schedule:

February 8, 2008	Distribution and Web posting of the draft DWRF IUP and PL to all interested parties.
February 21, 2008	Public Hearing – 1110 West Washington, Room 130, Phoenix, Arizona 85007 from 1:00 P.M. to 2:00 P.M.
February 21, 2008	Deadline for public comments on the draft DWSRF IUP and PL is 5:00 P.M.
March 5, 2008	The WIFA Board of Directors adopts the final DWSRF IUP and PL.
March 10, 2008	Final DWSRF IUP and PL become effective. Distribution and Web posting of final DWSRF IUP and PL.

**Arizona's Drinking Water Revolving Fund  
2008 Funding Cycle - Priority List for Drinking Water Revolving Fund  
Prepared Date: 11/28/2007**

Rank	Applicant	Population	Project Title	Project #	Amount Requested	Subsidy Rate Index
1	Cave Creek, Town of	5,000	Cave Creek Water Co. Treatment Plant Improvements	023 2008	\$5,000,000.00	70%
2	SoHi Domestic Water Improvement District	460	Supplemental Water Source Interconnect	017 2008	\$650,000.00	70%
3	El Mirage, City of	30,000	Mandated Water System Improvements	018 2008	\$8,000,000.00	70%
4	Alpine Domestic Water Improvement District	600	Transfer Water Service from Alpine Water Systems to Alpine DWID	004 2008	\$1,400,000.00	70%
5	Chino Valley, City of	450	Wilhoit Water Company Acquisition	011 2008	\$250,000.00	70%
6	Chino Valley, City of	525	Appaloosa Water Company Acquisition	013 2008	\$750,000.00	70%
7	Cave Creek, Town of	4,100	Water System Improvements - Phase 2	021 2008	\$5,150,000.00	80%
8	Wilhoit Water Co. - Blue Hills #3	200	Arsenic Remediation System	005 2008	\$30,000.00	70%
9	Wilhoit Water Co. - Thunderbird Meadows	320	Storage Tank Replacement	007 2008	\$131,058.00	70%
10	Livco Water Co.	1,100	Upgrade/replace old water meters	022 2008	\$100,000.00	70%
11	Rancho Del Conejo Community Water Co-op	942	Rancho Del Conejo - Arsenic Removal Project - Well #3	002 2008	\$200,000.00	70%
12	WATCO, Inc	831	Silver Lake Estates & Bourden Ranch Estates Storage & Tie-line	015 2008	\$600,000.00	70%
13	Yavapai-Apache Nation	2,000	Yavapai-Apache Nation-Tunlii and Clarkdale Infrastructure	020 2008	\$3,785,386.00	75%
14	Wilhoit Water Co. - Thunderbird Meadows	320	Well Installation for Thunderbird Meadows	006 2008	\$145,000.00	70%
15	Chino Valley, City of	6,600	City of Prescott Service in Chino Valley	012 2008	\$3,100,000.00	70%
16	Somerton, City of	9,750	Water Company System & Municipal System Improvements	009 2008	\$2,850,000.00	75%
17	Chino Valley, City of	2,250	Chino Meadows II Water Company Acquisition	014 2008	\$2,500,000.00	75%
18	Sonoita Valley Water Company	327	Sonoita Valley Water Co. System Expansion	003 2008	\$629,000.00	80%
19	Eagar, Town of	4,435	Town of Eagar Water System Expansion	019 2008	\$1,000,000.00	80%
20	Chino Valley, City of	2,250	Chino Meadows II Water Company Acquisition	010 2008	\$2,500,000.00	80%
21	Chino Meadows II Water Company	3,800	Chino Meadows Unit III	001 2008	\$466,400.00	80%
22	Flagstaff, City of	65,918	New Water Wells	008 2008	\$8,500,000.00	75%
23	Christian Children's Ranch	0	Westwood Ranch Water Co.	016 2008	\$400,000.00	80%

**Total:**

**\$48,136,844.00**

**Attachment B:**

**2008 Funding Cycle Priority List**

**Arizona's Drinking Water Revolving Fund**

**Arizona's Drinking Water Revolving Fund**  
**2008 Funding Cycle - Fundable Range for Design Financial Assistance**  
**Prepared Date: 11/28/2007**

<b>Fundable Range Rank</b>	<b>MPL Rank</b>	<b>Applicant</b>	<b>Population</b>	<b>Project Title</b>	<b>Project #</b>	<b>Amount Requested</b>	<b>Subsidy Rate Index</b>
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No borrowers requested design assistance for their projects as of the date of this report.

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**Attachment C:**

**2008 Funding Cycle Priority List**

**Arizona's Drinking Water Revolving Fund**

**Arizona's Drinking Water Revolving Fund**  
**2008 Funding Cycle - Fundable Range for Construction Financial Assistance**  
**Prepared Date: 11/28/2007**

<b>Fundable Range Rank</b>	<b>Applicant</b>	<b>Population</b>	<b>Project Title</b>	<b>Project #</b>	<b>Amount Requested</b>	<b>Subsidy Rate Index</b>
1	El Mirage, City of	30,000	Mandated Water System Improvements	018 2008	\$8,000,000.00	70%
2	Yavapai-Apache Nation	2,000	Tunlii and Clarkdale Infrastructure	020 2008	\$3,785,386.00	75%
3	Flagstaff, City of	65,918	New Water Wells	008 2008	\$8,500,000.00	75%
4	Eagar, Town of	4,435	Water System Expansion	019 2008	\$1,000,000.00	80%

**Total:**

**\$21,285,386.00**