

**STATE OF OKLAHOMA**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**



**FINAL**  
**INTENDED USE PLAN**

**DRINKING WATER STATE REVOLVING FUND**  
**STATE FISCAL YEAR 2018**

**Effective 7-1-2017 through 6-30-2018**

August 14, 2017



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## I. INTRODUCTION

The Safe Drinking Water Act (SDWA) Amendments of 1996 authorized a Drinking Water State Revolving Fund (DWSRF) program to assist public water systems in financing the cost of replacement and repair of drinking water infrastructure to achieve or maintain compliance with the SDWA requirements and to protect public health. The DWSRF program will help ensure that drinking water supplies remain safe and affordable, and that the systems that receive funding will be properly operated and maintained.

The SDWA places a strong emphasis on preventing contamination rather than reacting to problems. Central to this emphasis is the development of state prevention programs including source water protection, capacity development, and additional requirements for operator certification. To fund these activities, the SDWA allowed not only the creation of the loan fund but also four set-aside accounts to fund the following state activities:

1. Administration of DWSRF;
2. Small System Technical Assistance Program;
3. State Program Management; and
4. Local Assistance and other State Programs.

As required by the SDWA, the State of Oklahoma, through the Department of Environmental Quality (DEQ), is required to prepare this annual Intended Use Plan (IUP) in order to identify the set-aside programs and DWSRF loan projects that will utilize the funds available to the DWSRF. This IUP is prepared for State Fiscal Year 2018 (SFY 2018) and identifies those sources and uses of available program funds. For the purpose of the DWSRF and this IUP, the fiscal year identified is the State Fiscal Year 2018, beginning July 1, 2017, and ending June 30, 2018. The capitalization grants and state matching funds to fund these activities are from prior fiscal years and the Federal Fiscal Year 2017 (FFY 2017) appropriation. The DEQ applied for the FFY 2017 grant in April 2017 to ensure funding will be available on July 1<sup>st</sup>, which is the beginning date of SFY 2018.

To ensure that the public has an opportunity to review DEQ's proposed plans for the DWSRF, a draft IUP was made available before the IUP public meeting held on June 19, 2017. To ensure that interested parties are made aware of the public meeting date, DEQ posted notice on the DEQ web-site and distributed announcements to a mailing list of public water systems, state and federal agencies, environmental organizations, public health officials, consulting engineers, financial consultants, and interested citizens. The public comment period closed on July 19, 2017, and no comments were received.

As a result of federal appropriations to the State, the DEQ has received federal capitalization grants totaling \$287,614,000 from FFY 1997 thru FFY 2017. DEQ will apply for the FFY 2017 Capitalization Grant in the amount of \$13,279,000 approved by Congress. This IUP includes the total funds received from repayments and interest earnings, state match, capitalization grants less set-asides, and leveraged revenue bond funds. These federal and state funds will be utilized by the DEQ in accordance with the purposes identified in this IUP. The state is required to provide 20 percent matching funds for each capitalization grant as the federal payments are received for DWSRF projects. Table 1 reports the sources of funds available to the DWSRF program and their intended uses.

It is the intent of the Oklahoma DWSRF program to consistently comply with all requirements as stipulated in each year's grant agreement for the capitalization grant. However, procedural

changes and reporting requirements may be modified by the Environmental Protection Agency (EPA). These changes will be incorporated into the Oklahoma DWSRF program, as necessary.

**TABLE 1  
Sources and Uses**

<b><u>SOURCES OF FUNDS</u></b>	
Beginning July 1, 2017	
Beginning Balance (SFY 2017 Carryover)	\$ 53,577,355.00
<i>State Fiscal Year 2018 (Projected)</i>	
Federal Grant FFY 2017	\$ 13,279,000.00
State Match SFY 2018	\$ 2,655,800.00
Projected Bond Issue - SFY 2018	\$ 60,000,000.00
Principal Repayments	\$ 13,023,055.00
Interest Earnings on Loans	\$ 6,921,483.00
Interest Earnings on Fund 473	\$ 619,958.00
Release of 2013B Bond Reserve Funds	\$ 1,777,528.00
Investment Earnings from Bond Funds	\$ 156,003.00
<b>Sub Total</b>	<b>\$ 152,010,183.00</b>
<b>Total Sources of Funds</b>	<b>\$ 152,010,183.00</b>
<b><u>USES OF FUNDS</u></b>	
<i>Expected DWSRF Loan Commitments for SFY 2018</i>	
Small System Binding Commitments	\$ 47,130,664.00
Large System Binding Commitments	\$ 91,875,000.00
<b>Sub Total</b>	<b>\$ 139,005,664.00</b>
<i>DWSRF Set-Aside Programs for SFY 2018</i>	
Administration	\$ 531,160.00
Small System Technical Assistance	\$ 265,580.00
Program Management	\$ 1,327,900.00
Local Assistance	\$ 1,991,850.00
<b>Sub Total</b>	<b>\$ 4,116,490.00</b>
<i>Debt Service Obligations</i>	
Debt Service on 2011 Bonds	\$ 3,900,856.00
Debt Service on 2012 Bonds	\$ 4,598,100.00
Debt Service on 2013A Bonds	\$ 3,524,319.00
Debt Service on 2013B Bonds	\$ 4,625,311.00
Debt Service on 2016 Bonds	\$ 4,419,063.00
<b>Sub Total</b>	<b>\$ 21,067,649.00</b>
<b>Total Uses of Funds</b>	<b>\$ 160,073,313.00</b>
<b>Additional Funds Needed*</b>	<b>\$ (8,063,130.00)</b>

\*Will use future cap grants, state match, and bond issues to fund future needs as required.

## II. LIST OF PROGRAMS

### A. SET-ASIDE PROGRAMS

Section 1452 (g) and Section 1452 (k) of the SDWA authorizes set-asides to enable states to implement the requirements of the SDWA. The set-asides are based on a percentage of the capitalization grant as specified in the SDWA. DEQ will reserve the following amounts in the FFY 2017 capitalization grant for set-asides as follows: 4 percent for Administration; 2 percent for Small System Technical Assistance; 10 percent for Program Management; 15 percent for Local Assistance and other State Programs. The 15 percent for Local Assistance and other State Programs will be broken into 10 percent for Capacity Development Program and 5 percent for the following use: 1.24 percent for the Water Loss Audit Program, 0.98 percent for Cryptosporidium special monitoring capabilities, 0.95 percent for Harmful Algal Blooms (HAB) special monitoring capabilities, and 1.83 percent for Revised Total Coliform Rule (RTCR) Level I and Level II assessments. Note that the DWSRF program is working with the State Environmental Laboratory Services (SELS) Division to establish initial special monitoring capabilities for Cryptosporidium and HAB. DEQ will provide work plans for each set-aside to EPA describing how the specified FFY 2017 capitalization grant funds are to be expended during SFY 2018.

In addition to the state programs listed above, DEQ plans to utilize the remaining funds from SFY 2017 to conduct and complete Sanitary Surveys and Capacity Development Assessments. The Sanitary Surveys will be conducted on a third of the State's PWSs that are groundwater, surface water and purchase without treatment. However, Capacity Development Assessments will be performed at a third of the State's PWSs that are serving a population of 10,000 or fewer. If funding is available, DEQ plans to continue these programs and revisit these PWSs at least triennially.

Table 2 shows DWSRF Set-aside activities for SFY 2018.

**TABLE 2  
DWSRF Set-Aside Activities  
SFY 2018**

Set-aside category	Percent of Set - Aside Program	Total amount reserved from FFY 2017 grant	Reclaimed credit from old grants	Cumulative amount to be specified in workplans
Admin.	4	\$ 531,160	\$ -	\$ 531,160
Tech. Asst.	2	\$ 265,580	\$ -	\$ 265,580
St. Prg. Mgt.	10	\$ 1,327,900	\$ -	\$ 1,327,900
Local Assist.	15	\$ 1,991,850	N/A	\$ 1,991,850
Total	31	\$ 4,116,490	\$ -	\$ 4,116,490

## **1. DWSRF Administration**

Section 1452(g) of the SDWA authorizes states to provide funding for the DWSRF Administration as a set-aside activity. The administration of the fund will be accomplished by DEQ personnel and through an interagency agreement with the Oklahoma Water Resources Board (OWRB). Administrative tasks include portfolio management; debt issuance; DWSRF program costs; support services; and financial, management, and legal consulting fees.

Title 82 of Oklahoma Statutes, Section 1085.71 through 1085.84A establishes the DWSRF program duties of OWRB and DEQ. The interagency agreement between OWRB and DEQ specifies the responsibilities of each agency in regard to the following tasks: DWSRF capitalization grant application and management; annual joint report to the Governor and Legislature; annual report to EPA; preliminary loan applications; final loan applications; letters of binding commitment to loan applicants; bidding and contract documents; loan closings; change orders and other related construction documents; inspections of projects, books, and records; environmental reviews; payments; loan terminations; and the return of funds.

As allowed by the SDWA, DEQ reserved and specified an amount equal to 4 percent of the FFY 2017 capitalization grant for administrative support of the DWSRF. DEQ and OWRB will use an estimated amount of \$531,160 from set-aside funds for SFY 2018 DWSRF administration. This set-aside is to fund activities that implement, administer, and operate the DWSRF program during SFY 2018.

In addition to set-aside funds, the Drinking Water Treatment Loan Administration Fund can be utilized by DEQ and OWRB for additional administrative expenses. This fund is a statutory account outside DWSRF and is funded through fees applied to each loan. At the end of SFY 2018, it is projected that approximately \$6,342,162 will be available. Table 4 shows accumulated amounts of available funds from FFY 1997 through FFY 2017 and the projected amount for SFY 2018. Additional information concerning this fund is located in Section IV.B. of this report.

Competency of the program is demonstrated through EPA approval of the State FY 2016 – FY 2017 Quality Management Plan for DEQ. The DWSRF ensures competency of personnel through an established hiring process, training programs, standard operating procedures, and implementation of the quality assurance system within the agency.

**2.**

## **3. Small System Technical Assistance**

Section 1452(g)(2)(D) of the SDWA authorizes states to provide funding for technical assistance to public water systems serving a population of 10,000 or fewer. DEQ staff will provide technical assistance and compliance determinations for small systems to assist with compliance of the SDWA.

Small water systems will be provided technical assistance to improve treatment and capacity to operate surface water systems, to improve compliance with drinking water standards, comply with monitoring and reporting requirements, to improve the quality of service to customers along with the quality of water system management, and to increase the knowledge of board members in efficient water system operation.



As allowed by the SDWA, DEQ reserved and specified an amount equal to 2 percent of the FFY 2017 capitalization grant to fund small system technical assistance activities for SFY 2018. DEQ will use an estimated amount of \$265,580 from set-aside funds for SFY 2018.

#### **4. State Program Management**

Section 1452(g)(2) of the SDWA, authorizes states to provide funding to finance State Program Management (SPM) requirements. These requirements are to provide technical assistance to small water systems, to provide technical assistance through source water protection programs, to develop and implement the Capacity Development Strategy, to provide Long Term 2 Enhanced Surface Water Treatment Rule assistance; to provide Stage 2 Disinfectant/Disinfection By-products Rule assistance; to provide RTCR assistance; and to provide Ground Water Rule assistance. DEQ personnel will accomplish these tasks.

As allowed by the SDWA, DEQ reserved and specified an amount equal to 10 percent of the FFY 2017 capitalization grant for state program management. DEQ will use \$1,327,900 from set-aside funds for SFY 2018 public water supply state program management.

#### **5. Local Assistance and other State Programs**

Section 1452(k) of the SDWA authorizes states to provide funding for Local Assistance and other State Programs. The Local Assistance and other State Programs set-aside funds will be used for the Water Loss Audit Program, development of SELS special monitoring capabilities, RTCR assessments, and the Capacity Development Program as allowed under Section 1452(k)(1) of the SDWA.

DEQ has completed over 1,100 Source Water Assessment and Protection (SWAP) plans for drinking water suppliers in the State. The plans defined the areas of concern around either drinking water wells and/or surface water sources, determined the potential sources of contamination within those areas, and completed a susceptibility analysis for each source and system. At this point, DEQ will be maintaining the program by reviewing and updating existing SWAPs.

Due to the extreme drought that Oklahoma experienced, EPA approved DEQ use of DWSRF funds to implement a Water Loss Audit pilot study to determine the extent of apparent water loss and real water loss occurring from community water systems (CWS) in the state. The Southwest Environmental Finance Center trained DEQ staff on how to conduct a water loss audit utilizing American Water Works Association's water loss auditing method and software. Forty (40) small CWSs volunteered to participate in the pilot. These systems are located equally across the four quadrants of Oklahoma. The audit results are being used to help the CWSs identify and develop a plan to address water loss. A final report outlining findings has recently been released. In SFY 2017, DEQ partnered with the Oklahoma Rural Water Association (ORWA) to perform leak detection and meter analysis at eighteen (18) out of the forty (40) of the water systems that participated in the pilot study. These eighteen (18) systems were identified in the report as having potential problems with either real loss (leaks), apparent loss (inaccurate metering) or both and had high

data validity. ORWA will most likely complete technical assistance at three quarters of the systems by the end of the state fiscal year, with an estimated completion date for all eighteen (18) by the end of the calendar year. The technical assistance includes locating leaks and estimating the volume and value of water lost, testing a sample of customer meters (10%, randomly selected) with documented results, and teaching system operators how to locate leaks and test meters. The remaining CWSs were assisted with implementing solutions such as Individual Conservation Plans, Capital Improvement Plans, leak detection and repair, and /or applying for funding to make the recommended repairs.

SELS plans to obtain additional equipment needed to test for Cryptosporidium and HAB, including training to use the new equipment. SELS will conduct initial, special (non-routine) monitoring of Cryptosporidium and HAB to establish a baseline understanding of these newly recognized contaminants of concern.

As allowed by the SDWA, DEQ reserved and specified an amount equal to 15 percent of the FFY 2017 capitalization grant for Local Assistance and other State Programs. DEQ will use \$1,991,850 from set-aside funds for SFY 2018. 10 percent for Capacity Development Program and 5 percent for the following use: 1.24 percent for the Water Loss Audit Program, 0.98 percent for Cryptosporidium special monitoring capabilities, 0.95 percent for Harmful Algal Blooms (HAB) special monitoring capabilities, and 1.83 percent for RTCR level I and Level II assessments.

## **B. DRINKING WATER STATE REVOLVING FUND PROJECTS**

### **1. DWSRF Project Priority System**

DEQ has established the Project Priority System, included as Appendix A, and prepared the comprehensive Project Priority List, included as Appendix B. The comprehensive Project Priority List demonstrates which eligible drinking water projects are to receive loan funds from the DWSRF. The comprehensive Project Priority List is comprised of a Funding List and a Contingency List that ranks projects according to the DWSRF Project Priority System that:

- a. Address the most serious risk to human health;
- b. Are necessary to ensure compliance with the requirements of the SDWA;
- c. Assist systems most in need, on a per household basis; and,
- d. Emergencies including natural and man-made disasters.

Eligible projects proposed by applicants requesting funding from the DWSRF are ranked and prioritized according to the Project Priority System procedures. The project with the most points shall be first on the Project Priority List; the project with the least points shall be last. The specific categories of source, treatment, storage, and distribution are not ranked separately. Projects will be funded in order of priority as each project meets the program requirements throughout the state fiscal year. For a project to be funded, it must be “ready to proceed.”

### **2. Ready to Proceed**

“Ready to proceed” means a project that has met the following requirements:

- a. Approved engineering report;
- b. Approved construction permit for plans and specifications;

- c. Approved financial application;
- d. Completed environmental review; and
- e. Approved capacity development assessment.

Projects that have met the above requirements are moved to the fundable portion of the Project Priority List and bypass those projects that are not on schedule. The project is then recommended to the OWRB Board for approval. If approved, DWSRF funds are committed through a board order.

The project is advertised and bids received pursuant to the Oklahoma Public Competitive Bidding Act. The loan amount is then sized in accordance to the bid to be accepted and awarded. The loan is then closed, contract documents signed, and "Notice to Proceed" is issued to the contractor to start construction on a specified date.

### **3. Bypass Projects Not Ready to Proceed and Small Systems**

A project may be bypassed if it is not on schedule and not "ready to proceed." Bypassed projects will be monitored and encouraged to meet program requirements so that they may be reinstated to the fundable portion of the list.

In addition, SDWA §1452(a)(2) states, "Of the amount credited to any State loan fund established under this section in any fiscal year, 15 percent shall be available solely for providing loan assistance to public water systems which regularly serve fewer than 10,000 persons to the extent such funds can be obligated for eligible projects of public water systems." If this SDWA small system funding provision has not been met with projects above the Project Priority List's (PPL) fundable line but there are "ready to proceed" small system projects below the fundable line, projects should be bypassed to reach those small system projects to the extent such funds can be obligated for eligible projects.

Oklahoma DWSRF expects to meet the SDWA small system funding provision for SFY 2018, although economic conditions in the State may prove challenging. Much of the State is still recovering from recent extreme drought, and the dramatic drop in oil prices has negatively affected Oklahoma's growth, employment, income, and tax bases. As part of the ever on-going efforts to meet the small system funding provisions, the DWSRF program notes continuing efforts towards marketing, outreach, and technical assistance, including but not limited to the following activities.

- a. Small system technical assistance provided by DEQ staff, such as the Public Water Supply Engineering and Field Inspection Section and Environmental Complaints and Local Services Division;
- b. Water Loss Audit pilot, including leak detection and meter calibration services;
- c. Monthly meetings and/or consultations by DWSRF staff with small systems on the PPL that are not yet "ready to proceed" to assist them to become "shovel ready;"
- d. Coordination with OWRB and Oklahoma Rural Water Association (ORWA) staff to provide financial and technical consultations;

- e. Presentations at conferences and workgroups to establish availability of small systems technical and financial assistance;
- f. DWSRF outreach and marketing (currently five presentations are scheduled in different regions of the State)
- g. Active participation in quarterly meetings of the Funding Agency Coordinating Team (FACT) – including the United States Department of Agriculture Rural Development (USDA-RD), OWRB, ORWA, Indian Health Services (IHS), Oklahoma Department of Commerce (ODOC), Communities Unlimited (CU), Oklahoma Development Finance Authority (ODFA), and Oklahoma Association of Regional Councils (OARC) – wherein invitations are extended to water systems with the most urgent technical and financial needs.

#### **4. Allocation of Funds**

Allocation of funds among the eligible projects is based on a six-step process:

- a. Projects of eligible applicants that request financial assistance are ranked according to the Project Priority System and placed on the Project Priority List;
- b. The financial assistance needed for each drinking water project that is “ready to proceed” is determined;
- c. Sources of unobligated funds available to the DWSRF that are necessary to provide the requested financial assistance are identified;
- d. The highest priority projects that will be ready to proceed during SFY 2018 are placed on the SFY 2018 Funding List, included as Appendix B;
- e. Bypass letters can be issued to applicants which have projects not ready to proceed according to the Priority Ranking System procedures; and
- f. The consistency with the funds available and the financial assistance requested is determined.

Information pertinent to each DWSRF project is included on the Project Priority List pursuant to the requirements of the SDWA. To be placed on the fundable portion of the list the project must be “ready to proceed.”

The contingency portion of the Project Priority List, included as Appendix B, is developed from the projects of applicants that are bypassed and projects of applicants that do not rank high enough to receive funding. This contingency list includes projects which may receive loan funds should projects in the fundable portion not proceed on schedule.

#### **5. Status of Projects on the Fundable Portion of the Priority List**

The SFY 2018 PPL attached as Appendix B shows a total of nineteen (19) projects on the fundable portion of the PPL with their assigned priority points, project name, loan amount, population, project description, anticipated binding commitment date, and project number.

#### **6. SRF Available Funds**

For SFY 2018, the total need of \$264,741,415 for projects is shown in Appendix B, but only \$152,010,183.00 is available for the fundable portion of the PPL as shown in

Table 1. These funds are derived from past capitalization grants and state matching funds, FFY 2017 capitalization grant and state match, transfer of funds from the Clean Water State Revolving Fund (CWSRF), investment income, interest income, and revenue bond issue funds.

**C. AMERICAN IRON AND STEEL (AIS)**

On January 17, 2014, H.R. 3547, “Consolidated Appropriations Act, 2014,” (Appropriations Act) was enacted requiring that “none of the funds made available by a State water pollution control revolving fund as authorized by title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.) or made available by a drinking water treatment revolving loan fund as authorized by Section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12) shall be used for a project for the construction, alteration, maintenance, or repair of a public water system or treatment works unless all of the iron and steel products used in the project are produced in the United States.”

**D. ADDITIONAL SUBSIDIZATION**

Capitalization Grants for the 2009 American Recovery and Reinvestment Act, FFY 2010, and FFY 2011 allotments required that the DWSRF program provide at least 30% of the capitalization grant funds as additional subsidies. DEQ targeted projects which were eligible under the Green Project Reserve or which would include the consolidation or regionalization of water systems. This requirement changed for the FFY 2012 capitalization grant to state that at least 20%, but no more than 30% of the capitalization grant must be utilized as additional subsidies. Table 3 shows the remaining uncommitted subsidy funds available for SFY 2018 projects.

**TABLE 3  
Subsidy Funds  
SFY 2018**

FFY 2014	FFY 2015	FFY 2016	FFY 2017	Available for SFY 2018
\$0.00	\$0.00	\$0.00	\$2,655,800.00	\$2,655,800.00

**E. GREEN PROJECT RESERVE**

The Green Project Reserve mandate was removed in the FFY 2012 appropriation and the DWSRF program is no longer required to meet the 20% requirement. Beginning September 1, 2012, the DWSRF program stopped accepting applications for green projects. The DWSRF will continue to provide subsidies for those applications that were received prior to September 1, 2012.

Eligible projects are pursuant to the guidance provided by EPA. For green projects it is proposed that 15% of a project’s cost up to \$500,000 or the cost of the green component of the project, whichever is less, is available in the form of principal forgiveness as permitted under the FFY 2011 and FFY 2012 Appropriations Acts.

## **F. DAVIS-BACON WAGE RATES**

The requirement for implementation of the Department of Labor (DOL) Davis-Bacon Prevailing Wage Rates for DWSRF projects is a mandatory condition of the capitalization grant. DEQ has fully implemented this requirement by ensuring that the latest DOL wage rates for each contract of each project are established prior to bidding, that weekly payroll reports are received from the prime and sub-contractors and reviewed by the water system, that employee interviews are conducted at least twice during the contract period, and that all complaints regarding the wage rate determinations are investigated and resolved.

## **G. SUSTAINABILITY POLICY**

EPA finalized their Sustainability Policy on February 12, 2011. The primary direction of the policy is "...encouraging communities to develop sustainable systems that employ effective utility management practices to build and maintain the level of technical, financial, and managerial capacity necessary to ensure long-term sustainability."

The DWSRF program maintains a strong capacity development program which includes a comprehensive review of each DWSRF applicant for technical, financial and managerial capacity. This program is the platform for a sustainability program because it already incorporates the three tiered review. Applicants are evaluated through detailed technical reviews, financial audits, and managerial checklists. To qualify for a DWSRF loan, an applicant must meet a minimum debt coverage requirement of 1.25 times.

The Capacity Development program, through the use of the set-asides for State Program Management, Small System Technical Assistance and Local Assistance, expands the review of systems from the DWSRF applicants to all Oklahoma public water supply systems. An annual Capacity Development Report is provided to EPA each year, prior to September 30<sup>th</sup>, detailing all of the activities which are incorporated into the ongoing strategy for ensuring capacity development for public water supply systems. The report provides information on Oklahoma's efforts through enforcement, permitting, operator certification, source water assessment, Area-Wide Optimization Program, small system technical assistance program, and the PWS Sanitary Survey program.

## **H. REPORTING REQUIREMENTS**

DWSRF provides numerous reports to EPA and other entities as required by capitalization grant agreement, or other federal and state requirements.

Oklahoma will report quarterly in the DWSRF Project Benefits Reporting (PBR) System on the use of all DWSRF funds. This information will also be included in the Annual Report. Quarterly reporting shall include use of the funds for the GPR and Additional Subsidization, as well as information on the environmental benefits of DWSRF assistance agreements.

Oklahoma will report annually to the Drinking Water National Information Management System (DWNIMS). Detailed reporting will include all required

information related to the DWSRF capitalization grant, set-asides, leveraged funds, and project and loan costs.

Oklahoma will report to the Federal Funding Accountability and Transparency Act (FFATA) database as each project loan is closed up to the amount of the capitalization grant for each year.

### **III. DWSRF GOAL STATEMENTS**

#### **A. SHORT-TERM GOALS**

1. Provide nineteen (19)<sup>\*\*\*</sup> loans to the seventeen (17) water systems listed on the Fundable Portion of the SFY 2018 Project Priority List. (Target Completion: June 2018)
2. Apply for FFY 2018 capitalization grant. (Target Completion: April 2018)
3. Complete set-aside work plans specifying funds from the capitalization grant. (Target Completion: Within 90 days of grant award)
4. Use set-aside funds to update source water assessments. (Target Completion: June 2018)
5. Continue to refine the Capacity Development Program, including the Water Loss Audit Program.
6. Use set-aside funds to implement Capacity Development Strategy. (Target Completion: June 2018)
7. Use set-aside funds to provide technical assistance to systems to comply with Long Term 2 Enhanced Surface Water Treatment Rule, Stage 2 Disinfectant/Disinfection By-products Rule, Revised Total Coliform Rule, and Ground Water Rule. (Target Completion: June 2018)
8. Issue DWSRF Revenue Bonds in an estimated amount of \$60,000,000 to finance the additional demand for drinking water loan funds. (Target Completion: December 2017)
9. Expend Capitalization Grant within two years of grant award.
10. Promote and market the DWSRF program by giving presentations around the State. (Target Completion: September 2017)

<sup>\*\*\*</sup>Some water systems will have more than one loan/project

#### **B. LONG-TERM GOALS**

1. Maintain the fiscal integrity of the DWSRF and assure a continuous enhancement of the loan fund for future generations.
2. Maintain the fund in perpetuity. Perpetuity consists of maintaining the principal amounts of the state matching funds and capitalization grants, less set-asides, within the DWSRF.
3. Assist the State in meeting the total drinking water funding needs by blending DWSRF capitalization grant and state match funds with leveraged DWSRF bond proceeds to provide long-term low-interest drinking water financing.
4. Obtain maximum capitalization of the fund for the State while generating sufficient investment and loan interest earnings to retire revenue bonds
5. Use set-aside funds along with DWSRF loans to maximize compliance and public health protection.

6. Promote technical, managerial, and financial capability of all public water supply systems.
7. Encourage the consolidation and/or regionalization of small public water systems that lack the capability to operate and maintain systems in a cost-effective manner.

### **C. ENVIRONMENTAL RESULTS UNDER EPA ASSISTANCE AGREEMENTS**

1. In accordance with “EPA’s Environmental Results under EPA Assistance Agreements, Order No. 5700.7,” which became effective on January 1, 2005, DEQ herein describes the outputs to be used as a measure to comply with the new requirements.
  - a. Output 1 – Provide nineteen (19) loans to the seventeen (17) water systems listed on the Fundable Portion of the SFY 2018 PPL. See Appendix B, for a list of projects on the PPL.
  - b. Output 2 – Enter into binding commitments with fourteen (14) small systems and three (3) large systems for a total of nineteen (19) projects during SFY 2018. See Appendix B, for a list of these systems and their population.
2. Environmental benefits will result from loans made and projects completed to reduce specific contaminants, create energy savings, conserve water, increase capacity to meet current water needs, replace aging infrastructure, and comply with state and federal regulations.

## **IV. FINANCING PLANS**

The type of assistance to be provided will be loans for up to 100 percent of the eligible cost of drinking water projects. DWSRF program requirements are defined in DEQ and OWRB program regulations. OWRB provides a DWSRF financing plan that maintains funds to meet the program demand. Loans at below market interest rates provide affordable financing and incentives for loan applicants to meet the program requirements. The program provides for flexibility and the perpetuity of the DWSRF.

DEQ and OWRB provide one financing plan for both small and large systems, a long-term DWSRF loan. The long-term DWSRF loan is a 20-year loan (up to a 30-year loan for eligible disadvantaged communities subject to useful life of infrastructure) with a fixed interest rate used for the construction of drinking water infrastructure improvements. During the construction phase, interest and administration fees are paid semi-annually as funds are drawn. Once construction is completed principal, interest, and administration fees are paid semi-annually until loan is paid.

Beginning with the 2009 American Recovery and Reinvestment Act and the FFY 2010 Capitalization Grant, DWSRF may grant subsidies in the form of principal forgiveness to systems. Those systems which meet the criteria for consolidation and/or regionalization may be granted principal forgiveness in accordance with the DWSRF procedures for each type of project. The total amount of subsidies given will be determined by the FFY 2017 Capitalization Grant. The method the DWSRF uses to fund projects is to draw all of the state matching funds first, federal capitalization grants next (up to subsidy amount), bond fund, and then second round funds.



## A. DWSRF INTEREST RATES

DWSRF will provide long-term financing loans for both small and large public drinking water systems at an interest rate equal to 70% of Municipal Market Daily (MMD) AAA scale spot rates for each year through maturity plus 70 basis points, calculated ten days before loan closing, plus the administration fee.

## B. ADMINISTRATION FEES

OWRB charges an annual administration fee of 0.5 percent on the unpaid loan balance, and an administrative fee upon application filing. This fee is based on the size of the application. If the application is for \$249,999 or less, the fee is \$100. If the application is for \$250,000 to \$999,999, the fee is \$250. If the application is for \$1,000,000 or more, the fee is \$500. Administrative fees collected are deposited into the Drinking Water Treatment Loan Administration Fund as shown in Table 4. This fund is a statutory account outside the DWSRF, and fees deposited into this fund will be used to offset the future DWSRF administrative expenses of DEQ and OWRB including, as necessary, the state match for DWSRF capitalization grants and a reserve to issue bonds. It is projected that the Drinking Water Treatment Loan Administrative Fund will contain approximately \$6,166,561.95 as of June 30, 2017.

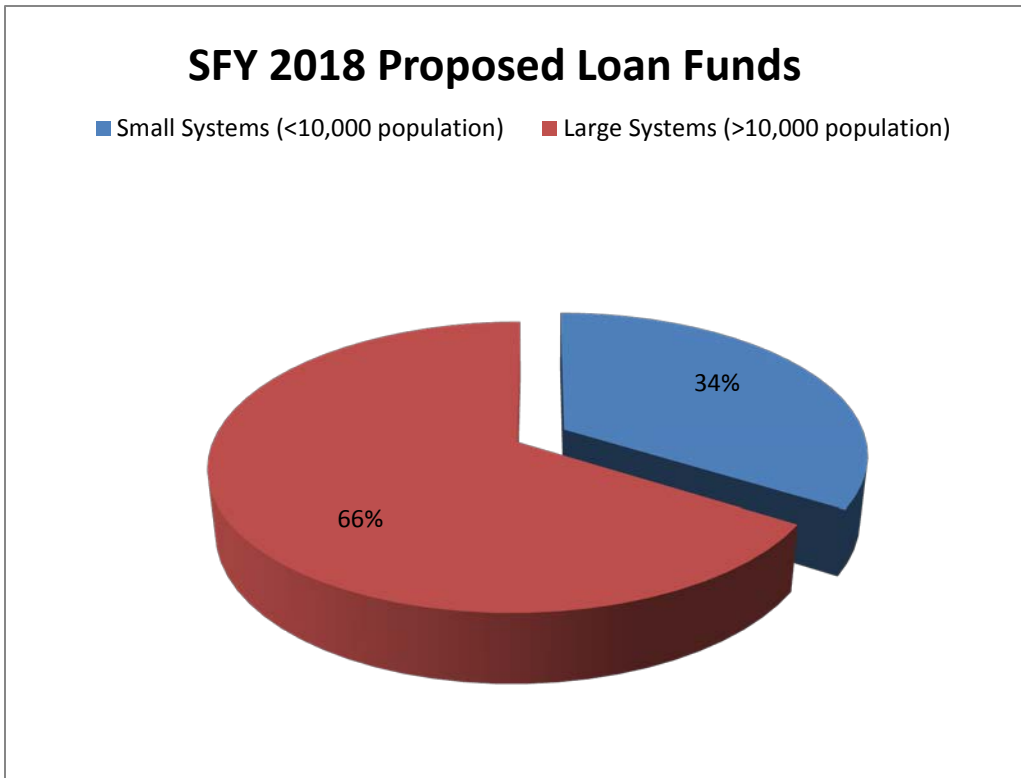
**TABLE 4**  
**Drinking Water Treatment Loan Administration Fund**

<b>Revenue</b>	<b>SFY1997-2017**</b>	<b>SFY 2018</b>	<b>Total</b>
Application Fee	\$ 84,150.00	\$ 2,500.00	\$ 86,650.00
Administration Fee on Loans (0.5%)	\$ 20,184,666.97	\$ 1,320,935.97	\$ 21,505,602.94
Interest Earnings on Account	\$ 842,193.30	\$ 53,657.00	\$ 895,850.30
Recovery of Delaware #10 Loan	\$ 107,089.83	\$ 43,500.00	\$ 150,589.83
Subtotal	\$ 21,218,100.10	\$ 1,420,592.97	\$ 22,638,639.07
<b>Expenses</b>			
Administrative Costs	\$ 5,681,106.20	\$ 968,521.47	\$ 6,649,627.67
Tsfr to DWSRF-Write Off Delaware 10	\$ 4,159,703.45	\$ 0.00	\$ 4,159,703.45
Funds Used for State Match	\$ 2,831,400.00	\$ 2,655,800.00	\$ 5,487,200.00
Subtotal	\$ 12,672,209.65	\$ 3,624,321.47	\$ 16,296,531.12
<b>Total</b>	<b>\$ 7,039,775.50</b>	<b>\$(2,203,728.50)</b>	<b>\$ 6,342,161.95</b>

\*\*Includes Projections through  
6/30/2017

## C. BINDING COMMITMENTS

It is anticipated that the DEQ will enter into nineteen (19) binding commitments with fourteen (14) small systems and three (3) large systems during SFY 2018. The amount of funding for small systems is anticipated to be \$47,130,664, which is equal to 34 percent of the amount of funding available for projects on the fundable portion of the SFY 2018 PPL. This amount exceeds the requirement that at least 15 percent of loan funds be utilized for small systems. A graphical presentation of this information is presented in Exhibit 1.



**Exhibit 1 – DWSRF Proposed Loans to Small Systems SFY 2018**

## **V. ASSURANCES AND SPECIFIC PROPOSALS**

DEQ provides the necessary assurances and certifications as a part of the Operating Agreement between DEQ and EPA. The DEQ/EPA Operating Agreement includes the requirements of the SDWA, as follows:

1. The State has the authority to establish a DWSRF project loan fund and to operate the DWSRF program in accordance with the SDWA.
2. The State will comply with its statutes and regulations.
3. The State has the technical capability to operate the program.
4. The State will accept capitalization grant funds in accordance with a payment schedule.
5. The State will deposit all capitalization grant funds in the DWSRF project fund or set-aside account.
6. The State will provide an amount at least equal to 20 percent of the capitalization grant (State match) in the DWSRF project fund.
7. The State will deposit interest earnings and repayments into the DWSRF project fund.
8. The State will match capitalization grant funds the State uses for 1452 (g)(2) set-asides.
9. The State will use Generally Accepted Accounting Principles.

10. The State will have the DWSRF project fund and set-aside account audited annually in accordance with General Accepted Government Auditing Standards.
11. The State will adopt policies and procedures to assure that borrowers have a dedicated source of revenue for repayments.
12. The State will commit and expend funds as efficiently as possible, and in an expeditious and timely manner.
13. The funds will be used in accordance with the IUP.
14. The State will provide EPA with an Annual Report.
15. The State will comply with all federal cross-cutting authorities.

The State agrees that binding commitments for DWSRF projects which receive loan funds made available from the capitalization grant will be made only after the State has conducted an environmental review according to DWSRF regulations (OAC 252:633) and a determination is executed and distributed using the EPA approved State Environmental Review Process (SERP).

The State agrees to submit Annual Reports to EPA on the actual use of funds and how the State has met the goals and objectives for the previous fiscal year as identified in the IUP for the previous year.

## **VI. CRITERIA FOR PROJECT SELECTION AND DISTRIBUTION OF FUNDS**

### **A. DISTRIBUTION OF FUNDS**

The following criteria were used to develop the proposed distribution of the DWSRF funds:

1. Utilize set-asides as authorized by the SDWA.
2. Identify all possible public drinking water systems eligible to receive DWSRF assistance.
3. Identify and rank public drinking water system projects requesting financial assistance that results in compliance with SDWA requirements on the DWSRF PPL.
4. Determine the readiness to proceed of each project ranked on the DWSRF PPL.
5. Identify the sources and spending limits of DWSRF.
6. Allocate funds to projects ready to proceed according to the Project Priority System, Appendix B.
7. Develop a grant payment schedule that will be used to make timely binding commitments to the projects selected for DWSRF assistance. The anticipated federal DWSRF loan fund payment schedule for the FFY 1997 through FFY 2017 capitalization grants is included as Appendix C.
8. Develop an outlay schedule to pay project costs as incurred.

All funds in the DWSRF will be used to provide direct construction loans, long-term small community loans, or to refinance existing debt obligations of eligible applicants, when such debt obligations were incurred, and the construction commenced after July 1, 1993, and all program requirements have been met.

Provisions for project bypass, assistance deadlines, and default are addressed in the DEQ DWSRF Regulations and/or State legislation implementing the DWSRF.

Set-aside funds are used for the administration of the DWSRF program, to provide small system technical assistance, to manage the State program, and to provide local assistance and fund other State programs for water systems. These activities have a direct impact on solving existing problems and preventing future problems. By implementing these programs, the costly need for infrastructure may be reduced. An example is the Small System Technical Assistance Program that provides a water system with training and assistance to operate a plant more efficiently. This will enable the water system to make operational changes to meet the new, more stringent levels for turbidity, trihalomethane and the five haloacetic acids, rather than spending funds on costly construction for upgrades that may be unnecessary.

Though using set-asides may take away from the amount of grant funds to be used for loans, the long term plan is to concomitantly implement the set-aside programs with the loan program to provide the best overall assistance to water systems.

DEQ decides each year on which programs are needed and prepares a budget for each of the programs. Based on the budgets and past history of the program, DEQ determined that 31 percent of the FFY 2017 grant for set-asides is needed to fund the programs for SFY 2018. DEQ will provide work plans for each set-aside to EPA describing how the specified FFY 2017 capitalization grant funds are to be expended during SFY 2018.

## **B. FUNDS AVAILABLE FOR DWSRF PROJECTS**

As discussed in Section III. A. 1, and shown in Table 1, a total of \$139,005,664 will potentially be available during SFY 2018 to fund nineteen (19) projects listed on the PPL. There is a great need for funding drinking water infrastructure and the current demand for funds by projects that are ready to proceed will justify leveraging of funds. The OWRB estimates issuing \$60,000,000 in bonds in SFY 2018 to meet needed funding for DWSRF projects.

## **C. DWSRF LEVERAGED BOND ISSUE**

Similar to previous years, substantial demand for drinking water funds exceeds capitalization grants and state match amounts. DEQ and OWRB are proposing to issue DWSRF Revenue Bonds in an estimated amount of \$60,000,000 (subject to change) to finance the additional demand. The Revenue Bonds will be sized based on the amount of identified need, and a portion of the proceeds may include funds for the purpose of providing the state matching funds for FFY 2017 capitalization grant. The Revenue Bonds may be issued in a single series, or multiple, smaller series as funds are required for eligible project costs. The series of Revenue Bonds will be issued as needed.

## **D. DESCRIPTION OF FINANCIAL STATUS OF DWSRF**

During SFY 2018, the funds expected to be available to the DWSRF include past capitalization grants and state matches, FFY 2017 capitalization grant and state match, transfer of funds from the CWSRF, investment income, interest earnings, loan

repayments, and leveraged revenue bond funds. The financial status of the DWSRF is further detailed in Table 1: DWSRF Sources and Uses.

#### **E. DEVELOPMENT OF PAYMENT SCHEDULE**

The total amount of loan funds and spending limits are identified in the grant payment schedule included as Appendix C. This chart shows the federal payment schedule for loan funds for FFY 2017 capitalization grant. This amount is summarized by quarter and the totals are shown.

All project loans scheduled for funding from the DWSRF will be reviewed for consistency with appropriate planning, design, and construction requirements. Evidence of this review and funding shall be documented in each DWSRF project file.

For any fiscal year, fifteen percent (15%) of a capitalization grant amount shall be available solely for providing loan assistance to public water systems which regularly serve fewer than 10,000 persons to the extent such funds can be obligated for eligible projects of public water systems.

To the extent Capitalization Grant funds are to be disbursed to loan recipients for direct project costs, those funds will be drawn from the EPA's Automated Clearing House (ACH). State match will be expended prior to the draw upon Capitalization Grant funds.

The FFY 2017 State Match requirement will be met as part of the SFY 2018 DWSRF Bond issue. Any overmatch will be claimed for credit to be used towards meeting match requirements associated with future capitalization grants.

#### **F. DEVELOPMENT OF THE DWSRF PAYMENT SCHEDULE**

Oklahoma's projected grant payment schedule is based on the time of the capitalization grant award, expenditure of the state match, the scheduled dates for binding commitments, projected construction schedules for projects as specified for a particular bond series, and the proposed budget for set-asides.

#### **G. FINANCIAL PLANNING PROCESS AND MANAGEMENT OF FUNDS**

The OWRB and First Southwest Company have developed the DWSRF cash flow analysis/capacity model to gauge the long-term health of the SRF. The model is continually monitored throughout each fiscal year to assure that the perpetuity of the DWSRF program is sustainable. Moreover, the model is used to aid in illustrating the overall impact to program capacity as a result of extended term financing, fluctuating federal funding levels, lending rate policies, market volatility, etc.

#### **H. CASH DRAW RATIO**

All state match funds will be drawn prior to capitalization grant draws to ensure the required cash draw ratio will be maintained.

## **VII. SAFE DRINKING WATER ACT AMENDMENT OPTIONS**

### **A. PRIVATELY OWNED DRINKING WATER SYSTEMS**

Although the SDWA provides for funding of privately owned drinking water systems, DEQ has determined that funding these systems is not in compliance with the state statutes and constitution. According to Oklahoma Annotated Code Title 82 Section 1085.72 and Article 10, Paragraph 39 of the Constitution of Oklahoma, the definition of eligible entity is limited to mean “any city, town, county or the State of Oklahoma, and any rural water district, public trust, master conservancy district, any other political subdivision or any combination thereof.” By law, the funds established for the DWSRF are limited to those entities, precluding any privately owned entities from receiving monies.

### **B. DISADVANTAGED COMMUNITIES**

The DWSRF program provides 30-year loan terms that are only available to eligible disadvantaged communities and subject to the useful life of infrastructure to be constructed. A “disadvantaged community” means those communities with a median household income that is less than or equal to 85% of the national median household income according to the United States Census Bureau. Further, the DWSRF project priority system provides for priority points to be given to projects that benefit disadvantaged communities. These two provisions are aimed at assisting systems most in need.

### **C. TRANSFER OF FUNDS**

Under the SDWA, the state is allowed to transfer and/or cross-collateralize fund assets of the DWSRF program and the CWSRF program. Oklahoma may take advantage of funding flexibility between the Clean Water and Drinking Water SRF programs, provided by EPA, in order to assure adequate capacity to meet all funding demands. In accordance with the Safe Drinking Water Act-SRF funds transfer provisions (Section 302), the State hereby reserves the authority "to transfer an amount up to 33 percent of the [FFY 2017] Drinking Water SRF program capitalization grant to the Clean Water SRF program or an equivalent amount from the Clean Water SRF program to the Drinking Water SRF program." With this IUP Oklahoma requests the ability to transfer funds as necessary between the DWSRF and CWSRF during SFY 2018. The approval of the IUP will constitute the approval of the transfer request. It is understood that fund transfers between the programs during SFY 2018 or in future years may not be available for return to the SRF fund of origin if a permanent extension of transfer authority is granted.

## **VIII. PUBLIC REVIEW AND COMMENT**

A public meeting was conducted in compliance with the Oklahoma State Administrative Procedures Act and DWSRF regulations, on June 19, 2017. To ensure that interested parties were made aware of the public meeting, DEQ posted notice on the DEQ web-site and distributed announcements to a mailing list of public water systems, state and

federal agencies, environmental organizations, public health officials, consulting engineers, financial consultants, and interested citizens. The agenda was posted at the meeting site and on the DEQ website. A copy of this public notice is included as Appendix D. The public meeting was held to review this IUP, the Project Priority System, and the Funding and Contingency PPL. A comment period followed the public meeting through July 19, 2017. No comments were received during the public comment period.

## **IX. AMENDMENTS TO THE PLAN**

Revisions to this plan determined to be insignificant and/or minor revisions required for administrative purposes, shall be made by DEQ without notification to the public, and will be reported to EPA in the Annual Report. Any changes in the IUP shall be made in accordance with procedures provided in the DEQ DWSRF Regulations.

## APPENDIX A PROJECT PRIORITY SYSTEM

### OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY DRINKING WATER STATE REVOLVING FUND

**Statutory References:**    **OAC 252:633-1-5,**  
                                  **OAC 252:633-3-4, and**  
                                  **OAC 252:633 Appendix A**

#### **PART I: DWSRF PROJECT PRIORITY SYSTEM**

A. **Projects included.** The comprehensive Project Priority List shall consist of all eligible projects requesting placement on the Project Priority List. Projects which meet all requirements for funding shall be placed on a Fundable List and included in the current Intended Use Plan (IUP). Projects which rank below the available funding level shall be considered the contingency section of the Fundable List. Projects in this part of the list may receive loans due to bypass provision or due to additional funds becoming available.

B. **Project ranking.** The ranking factors are based on the relative impact of the project in achieving the objectives of the Safe Drinking Water Act Amendments of 1996. The ranking factors are listed in Part II of this Appendix.

#### **C. Management of the Project Priority List.**

1. **Tie breaking procedure.** A tie breaking procedure shall be used when two or more projects have equal points under the Project Priority System and are in competition for funds. Tied projects will be ranked with the first project which has the greatest value for the ranking factor for Violations of Maximum Contaminant Levels (Primary Standards).
2. **Project bypass.** A project on the fundable portion of the Project Priority List may be bypassed for one year if it is not on schedule as indicated in the IUP or the project's specific consent/administrative order. The applicant whose project is affected shall be given a written notice that the project is to be bypassed. Bypassed projects may be reinstated on the funded portion of the list if sufficient funds are available, and the applicant completes the necessary tasks to proceed. Funds which become available due to the utilization of these bypass procedures will be applied to the next ranked project on the project priority list.
3. **Project Priority List update.** The priority list shall be periodically reviewed by the DEQ Water Quality Division Director and changes (i.e., loan award dates, estimated construction assistance amounts, project bypass, addition of new projects, etc.) will be made as necessary.

#### **PART II RANKING SYSTEM**

A. **Formula.** The project priority points (P) are derived from the formula:

**P = A + B + C + D + E + F + G + H + I**, where the factors are defined as:



1. A = Violations of Maximum Contaminant Levels (Primary Standards).
2. B = Quantity Deficiencies.
3. C = Design Deficiencies.
4. D = Vulnerability to Potential Pollution.
5. E = Violation of Recommended Maximum Levels (Secondary Levels).
6. F = Consolidation.
7. G = Compliance Orders.
8. H = Source Water Protection.
9. I = Affordability.

Ranking factors one through eight are to address the risks to human health and compliance with the Safe Drinking Water Act Amendments of 1996. Ranking factor nine addresses the affordability requirements of the Safe Drinking Water Act Amendments of 1996.

## B. Factors Descriptions.

### 1. Violations of Maximum Contaminant Levels (Primary Standards) (A).

Maximum contaminant levels are established for those parameters which may be detrimental to public health. Severity point values will be the sum of points for the violations of a contaminant during a 24 month period from the date of the request. Contaminants reported quarterly, such as nitrate, may include up to eight violations during this 24 month period. Those contaminants reported monthly, such as fecal coliform, may include up to twenty-four violations during this 24 month period. Violations of standards of contaminants based on a running annual average, such as total trihalomethanes, will be based on a 12 month reporting period and will include only severity value. Violations of more than one contaminant are additive. These violations are documented by inclusion in the Safe Drinking Water Information System (SDWIS). These values may be increased quarterly in the event that there are repeated violations.

<b>Contaminant</b>	<b>Severity</b> <u>(points per violation)</u>
Antimony	10
Arsenic	10
Asbestos	10
Barium	2
Beryllium	10
Bromate	10
Cadmium	10
Chlorates	10
Chlorine Dioxide	10
Chromium	10
Copper >1.3	5
Fecal Coliform	20
Fluoride > 4	5
Gross Alpha Radioactivity	5
Gross Beta Radioactivity	5
Lead	30
<b>Contaminant</b>	<b>Severity</b> <u>(points per violation)</u>
Mercury	10
Nitrate	30

Pesticides and other SOCs	10
Radium	10
Selenium	5
Thallium	10
Total Coliform (Significant Non-complier)	10
Total Haloacetic Acids	30
Total Organic Carbon	10
Total Trihalomethanes	30
Turbidity (Significant Non-complier)	10
Uranium	10
Volatile Organic Contaminants	10

2. **Quantity Deficiencies (B).** Quantity deficiencies are shortages of water due to source, treatment, or distribution problems. Deficiencies of only one condition will be allowed. These conditions are documented by inspection records, a comprehensive performance evaluation, or another system evaluation.

<u>Condition</u>	<u>Severity</u>
Continual shortage	60
Shortage during high use (seasonal)	60

3. **Design Deficiencies (C).** Design deficiencies are those which could be corrected by enlargement, repair, or replacement of a portion of the system. Deficiencies of more than one condition are additive. These conditions are documented by inspection records, a comprehensive performance evaluation, or another system evaluation.

<u>Condition</u>	<u>Severity</u>
Demand exceeds design capacity	30
Groundwater under the influence of surface water	120
Improper well construction	30
Inadequate chemical feed	25
Inadequate disinfection	30
Inadequate distribution (area not served)	25
Inadequate distribution (deterioration)	25
Inadequate distribution (low pressure)	25
Inadequate filtration (surface)	30
Inadequate intake structure	25
Inadequate laboratory equipment	20
Inadequate mixing	25
Inadequate settling	25
Inadequate storage	25
Inadequate water treatment wastewater disposal	10
Lack of generator	120

4. **Vulnerability to Potential Pollution (D).** Vulnerability describes a condition in which the source of supply for a system could potentially be contaminated and for which the project will address. Vulnerabilities to more than one condition are additive. These conditions are documented by vulnerability assessments for monitoring waivers or source water protection area assessments.

<b>Condition</b>	<b>Severity</b>
Point source discharge in delineated area	10
Subject to agricultural chemicals	5
Subject to industrial spills	5
Subject to oil/gas/coal/mineral operations	5
Unprotected watershed	3

5. **Violation of Recommended Maximum Levels (Secondary Standards) (E).** Recommended maximum levels are set for parameters which are not harmful to health, but make the water undesirable for use. Deficiencies of more than one condition are additive. These conditions are documented in the State Environmental Laboratory data base.

<b>Contaminant</b>	<b>Severity</b>
Chloride	3
Color	3
Corrosivity	3
Foaming Agents	3
Iron	20
Manganese	20
Odor	3
pH	3
Sulfate	3
TDS	3
Zinc	3

6. **Consolidation (F).** Projects which result in the consolidation, interconnection, or improvement of services for two or more water systems shall add twenty (20) for consolidation, ten (10) for interconnection, and ten (10) for improvement of services such as back-up or emergency supply. Projects may meet more than one of these conditions. The points awarded for this category are documented in the engineering report.
7. **Compliance Orders (G).** Projects that will result in the compliance with a formal enforcement action will receive one hundred fifty (150) points.
8. **Source water protection (H).** Water supply systems which have implemented source water protection programs such as watershed protection programs or wellhead protection programs will add one hundred (100) points to their total.
9. **Affordability (I).** This element is to assist systems most in need, on a per household basis. The points awarded for this category are documented by the latest census information.

<b>Median Household Income</b>	<b>Severity</b>
Less than \$28,400	60
Between \$28,400 and \$33,400	40
Greater than 33,400	0

**OK DWSRF PPL FY 2018 Project Priority List  
starting 4/28/2017 for IUP**

<b>PRIORITY POINTS</b>	<b>SYSTEM</b>	<b>LOAN AMOUNT</b>	<b>CUMULATIVE AMOUNT</b>	<b>POPULATION</b>	<b>Dis-advantaged Y or N</b>	<b>PROJECT DESCRIPTION</b>	<b>Anticipated Binding Commitment Date</b>	<b>Anticipated Construction Date</b>	<b>Project Number</b>
<u>Funding List</u>									
1005	Copan PWA	\$ 1,500,000.00	\$ 1,500,000.00	733	Y	Installation of approximately 60,000 feet of 6" water line to serve Osage County RWD #20 (Hulah). The rural water district has been on a boil order for several months due to high turbidity levels and a failure of the water treatment process.	9/1/2017	11/1/2017	P40-1021417-01
690	Konawa PWA	\$ 1,983,665.00	\$ 3,483,665.00	1,479	Y	Abandonment of the existing well field and connection to the adjacent Rural Water District owned by the Pottawatomie Nation; installation of 6,500 feet of 8 inch PVC water main; rehabilitation of the existing standpipe water storage tank; and replacement of 2, 4 and 6 inch water mains throughout the City.	7/1/2018	9/1/2018	P40-2006704-01
625	Waurika PWA	\$ 3,427,000.00	\$ 6,910,665.00	7,778	Y	Rehabilitate the existing water treatment plant and install two (2) high rate solids contact clarifiers to address TTHM issues and install a back-up generator and VFDs.	5/1/2018	7/1/2018	P40-1011201-01
568	Pittsburg Co. RWD #14	\$ 3,430,000.00	\$ 10,340,665.00	1,680	Y	Construct a connection to and purchasing water from an alternate water source and abandoning the existing dilapidated water treatment plant.	10/1/2017	12/1/2017	P40-1020625-01
413	Fairview UA	\$ 3,500,000.00	\$ 13,840,665.00	2,690	Y	Construct a new water treatment plant and appurtenances.	5/1/2018	7/1/2018	P40-2004404-01
375	Locust Grove PWA	\$ 6,289,998.55	\$ 20,130,663.55	1,950	Y	Construct eight miles of 10-inch water line and a pump station to connect to Oklahoma Ordinance Works in the Mid America Industrial Park near Pryor, Oklahoma.	3/1/2018	5/1/2018	P40-1021668-01
310	Foss Reservoir MCD (II)	\$ 14,000,000.00	\$ 34,130,663.55	17,888	Y	Phase 1: Address critical Issues related to reliability; Phase 1A: Pilot test for Reverse Osmosis; Phase 1B: Meet discharge requirements; construct a clarifier and new storage tank.	1/1/2018	3/1/2018	P40-1010829-02
310	Foss Reservoir MCD (III)	\$ 10,000,000.00	\$ 44,130,663.55	17,888	Y	Phase 2: Bring the plant to 4.5 MGD firm capacity.	1/1/2019	3/1/2019	P40-1010829-03
265	Atoka MA (II)	\$ 2,700,000.00	\$ 46,830,663.55	3,609	Y	Construct Water Treatment Plant rehabilitation as well as the acquisition and installation of automated meter readers and a new tank mixing system.	1/1/2018	3/1/2018	P40-1010401-02

## APPENDIX B

OK DWSRF PPL FY 2018 Project Priority List  
starting 4/28/2017 for IUP

8/24/2017

263	Goldsby WA	\$ 5,100,000.00	\$ 51,930,663.55	1,300	N	Construction of new water treatment facilities that include: one (1) new aerator, one (1) new in-line static mixer, two (2) new solids contact units (SCU), one (1) new lime storage and feeder system, conversion of two (2) existing SCU's to four (4) filters, one (1) new carbon dioxide feed system, one (1) new gas chlorine feed system, one (1) new 300,000 gallon ground storage tank, demolition of existing building, one (1) new filter building, two (2) new lagoons, six (6) new residual drying beds, one (1) new SCADA system and all appurtances.	7/1/2017	9/1/2017	P40-2004707-01
253	Garfield Co. RWD #6	\$ 2,700,000.00	\$ 54,630,663.55	1,430	Y	Construct a water treatment plant to reduce the iron and manganese in the existing water wells; add an additional water well and make improvements to the existing system in pipeline size and pump station capacity to provide a better quality water for the system.	3/1/2018	5/1/2018	P40-2002415-01
250	Canadian Co. RWD #1	\$ 2,000,000.00	\$ 56,630,663.55	750	Y	Construct one new Ion Exchange nitrate reduction water treatment plant, two new distribution standpipes, and install eight new well pumps.	5/1/2018	7/1/2018	P40-2000908-01
235	Grand Lake PWA (II)	\$ 700,000.00	\$ 57,330,663.55	2,800	Y	Construct approximately 2 miles of 12" water main from the treatment plant to the Port Duncan Tank to maintain system pressure, and to complete and connect Well #6 for an additional water supply and back up supply in case of eletrical failure. Well #6 can be run off of a back-up generator at the water treatment plant.	10/1/2017	12/1/2017	P40-1021691-02
220	Muskogee MA (II)	\$ 18,000,000.00	\$ 75,330,663.55	45,044	Y	Project components include a citywide hydraulic analysis, replacement of a 24" waterline, implementing a water loss control program, water tank aeration, chlorinedioxide relocation and various waterline replacements.	1/1/2018	3/1/2018	P40-1021607-02
205	Tishomingo MA	\$ 4,500,000.00	\$ 79,830,663.55	3,000	Y	Construction of a new Water Treatment Plant at the site of the present plant. The present plant was built in the 1960's and has deficiencies both in capacity and operation that are becoming increasingly expensive to overcome. The plant also lacks redundancy in operation as required by State regulations.	11/1/2017	1/1/2018	P40-1010815-01

## APPENDIX B

OK DWSRF PPL FY 2018 Project Priority List  
starting 4/28/2017 for IUP

8/24/2017

180	Cotton Co. RWD	\$ 5,500,000.00	\$ 85,330,663.55	2,000	Y	Construct a new activated alumina water treatment plant and backwash lagoons for the removal of arsenic and fluoride contaminants in our Cook and Logue groundwater wells; Finish out the drilled Logue water well; Construct approximately 10 miles of 10" and 10 miles of 8" transmission line from the new plant to our Johnson water well; Construct a blending station at the Johnson water well for the blending of the new treated Cook/Logue well water to reduce nitrate levels in our Johnson, Witt and Petty wells; Replace a portion of existing 3" & 5" waterline to the existing Weir Tower and Booster Pump with approximately 1 miles of 8" waterline; and add a new water tower.	2/1/2018	4/1/2018	P40-2001702-01
175	Guthrie PWA (IV)	\$ 3,800,000.00	\$ 89,130,663.55	9,925	Y	Water distribution line improvements consisting of the replacement of certain critical mains within the city, and installation of automated water meters and an AMR system.	12/1/2017	2/1/2018	P40-1020903-04
145	Stillwater UA (IV)	\$ 20,260,000.00	\$ 109,390,663.55	40,800	Y	Construct a waterline from 44th Water Tower to Sangre; construct a waterline from 44th-Western to Deer Crossing; construct water treatment plant pump upgrades; construct a waterline from Western-6th to 44th; construct the new Western BPS; construct a waterline from 32nd-Western to Sangre to Deer Crossing; decommission and demolish nine facilities (including towers and BPSs).	6/1/2017	8/1/2017	P40-1021220-04
145	Stillwater UA (V)	\$ 29,615,000.00	\$ 139,005,663.55	40,800	Y	Construct a waterline from 44th Tower to Sangre and from the Water Treatment Plant to 6th (which will be paired water lines).	1/1/2018	3/1/2018	P40-1021220-05

**OK DWSRF PPL FY 2018 Project Priority List  
starting 4/28/2017 for IUP**

**Contingen  
cy List**

120	Clinton PWA (II)	\$ 27,000,000.00	\$ 166,005,663.55	10,485	Y	Construction of raw water wells and distribution piping; water treatment facility; finished water storage and conveyance piping; and waste treatment and disposal.	1/1/2018	3/1/2018	P40-1010828-02
70	Garfield Co. RWSD #5	\$ 250,000.00	\$ 166,255,663.55	1,405	Y	Replacement of approximately 775 meters with AMR meters.	6/1/2018	8/1/2018	P40-2002444-01
70	Stillwater UA (VI)	\$ 81,200,000.00	\$ 247,455,663.55	40,800	Y	Construction of a new 25 mgd pump station, and 37 miles of new 36-inch pipeline, which parallels the existing 36-inch line from Kaw Lake to Stillwater Water Treatment Plant.	7/1/2019	9/1/2019	P40-1021220-06
50	McCloud PWA	\$ 850,000.00	\$ 248,305,663.55	2,500	Y	Construct an 8" water main from the city wells to Mable Bassett Correctional Facility.	6/1/2018	8/1/2018	P40-2006301-01
50	Bixby PWA (II)	\$ 5,700,000.00	\$ 254,005,663.55	20,475	N	Construction of the South Storage Tank and transmission line.	3/1/2018	5/1/2018	P40-3007243-02
40	Wagoner Co. RWD #5 (IV)	\$ 3,965,000.00	\$ 257,970,663.55	4,251	Y	Construction of approximately 30,000 LF of 18" waterline and approximately 9,000 LF of 16" waterline.	10/1/2017	12/1/2017	P40-1021528-04
28	Nicoma Park DA	\$ 2,500,000.00	\$ 260,470,663.55	2,443	Y	Construction includes drilling and implementation of two (2) ground water wells, a water tower (standpipe) and construction of approximately six (6) miles of water lines along NE 23rd Street to provide water to a high density business and commercial area and residential users and possibly our public schools.	7/1/2018	9/1/2018	P40-8005579-01

**Requests in-house**

Being Ranked	Alva UA	\$ 2,070,752.00		6,632	Y	Demolition of two 500,000 gallon water storage tanks, to be replaced with one 1.5 million gallon tank and a booster pump station.	12/1/2017	2/1/2018	P40-2007603-01
Being Ranked	Cleveland MA	\$ 2,200,000.00		4,870	Y	Construction of a 3.75 mile 12" treated water main from the existing Cleveland system to connect to Lone Chimney Water Association. This project will include abandonment of our existing water treatment plant.	12/1/2017	2/1/2018	P40-1021210-01

Being Ranked

## APPENDIX C FEDERAL DISBURSEMENT SCHEDULE

FFY	Cumulative Disbursements	FFY 2016				FFY 2017				FFY 2018			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1997-2015 Grants	\$ 185,997,541												
2016 Grant *	\$ 9,241,170				\$ 9,241,170								
2017 Grant *	\$ 9,162,510								\$ 4,581,255	\$ 4,581,255			
<b>Total Grants</b>	<b>\$ 204,401,221</b>												

\* Estimated Grant Amount minus Set-Asides





707 North Robinson, P.O. Box 1677, Oklahoma City, Oklahoma 73101-1677

## News Release

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For Immediate Release: May 19, 2017

Contact: Skylar McElhaney, (405) 702-7167

### **DEQ SCHEDULES PUBLIC MEETING ON THE DRINKING WATER STATE REVOLVING FUND SFY 2018 INTENDED USE PLAN (IUP)**

The Water Quality Division of the Department of Environmental Quality (DEQ) will hold a public meeting on Monday, June 19, 2017, at 1:30 p.m. in the DEQ Office Building, 2nd Floor Training Room, at 707 N. Robinson, Oklahoma City. This meeting will be held to answer questions and receive public input on the SFY 2018 IUP, the Priority Ranking System, and the Project Priority List (PPL) for the Drinking Water State Revolving Fund. The IUP outlines uses for federal funds allocated to Oklahoma and lists the projects as ranked for funding by the Priority Ranking System.

The Drinking Water State Revolving Fund was made possible by the passage of the Safe Drinking Water Act Amendments of 1996. The act authorized funds to be used by states to establish a revolving loan fund to address drinking water infrastructure needs and correct other water system deficiencies that might result in violations of drinking water standards. Federal law requires the public be given the opportunity to comment on the proposed plan.

A copy of the draft plan will be available on the DEQ website at: [www.deq.state.ok.us/WQDnew/dwsrf/](http://www.deq.state.ok.us/WQDnew/dwsrf/). A copy may also be obtained by contacting Vicki Reed by phone at (405) 702-8100, or by E-mail at [Vicki.Reed@deq.ok.gov](mailto:Vicki.Reed@deq.ok.gov), or by mail at Water Quality Division, DWSRF Section, Department of Environmental Quality, P.O. Box 1677, Oklahoma City, OK 73101-1677. A copy of the draft plan may be reviewed on the eighth floor of the DEQ offices, at 707 N. Robinson, Oklahoma City, Oklahoma. The comment period will remain open until July 19, 2017. For more information on this public meeting call Vicki Reed at: (405) 702-8100.