

DRINKING WATER STATE REVOLVING FUND (DWSRF)
SFY 2023 Annual Report

(Pursuant to: The Safe Drinking Water Act, Section 1452(g)(4))

August 14, 2024

FINAL



OKLAHOMA
Environmental
Quality



OKLAHOMA
Water Resources
Board

Prepared for the:
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Prepared by:
The Oklahoma Department of Environmental Quality

And

The Oklahoma Water Resources Board

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I. Background, Key Aspects, and Loan Funding Activities

A. Background

The Safe Drinking Water Act (SDWA), as amended in 1996, requires each state with a Drinking Water State Revolving Fund (DWSRF) program to publish and submit to the United States Environmental Protection Agency (EPA) Administrator a report every 2 years on its DWSRF activities. The Oklahoma Department of Environmental Quality (DEQ) and Oklahoma Water Resources Board (OWRB) choose to submit a report annually.

The United States Congress authorized the DWSRF as part of the SDWA in August of 1996. The DWSRF allows each state, which successfully applies for and receives a capitalization grant, funding for loans to public water supply systems to make infrastructure improvements to achieve compliance with national primary drinking water regulations or otherwise further the public health protection objectives of the SDWA. In Oklahoma, OWRB provides low-interest loans to eligible public water supply systems according to the project priority system developed by DEQ. In addition, Congress provided funding for set-aside activities to administer the DWSRF program and benefit water supply systems in meeting the requirements of the SDWA.

DEQ and OWRB herewith submit the State Fiscal Year (SFY) 2023 DWSRF Annual Report to EPA. For the purpose of this report and future reports on the DWSRF, the reporting period will be the state's fiscal year from July 1, 2022, through June 30, 2023.

B. Key Aspects

The SFY 2023 Audit contains the following information:

Financial Highlights:

- The Program's net position increased by over 9.9% from \$323,767,946 in SFY 2022 to \$355,938,351 in SFY 2023. The increase in net position is primarily attributable to an increase in federal grant revenue provided by the Infrastructure Investment and Jobs Act (IIJA) known as the Bipartisan Infrastructure Law (BIL).
- The Program experienced an increase of \$145,927,894 in the amount of outstanding loans. As of June 30, 2023, the Program had 175 outstanding loans with a principal balance of \$808,833,884. At the end of SFY 2022, the Program had 160 outstanding loans with a principal balance of \$662,905,990.

Program Highlights:

- During SFY 2023, twenty-one (21) construction loans totaling approximately \$82.4 million were made to correct deficiencies and achieve compliance with the national primary drinking water regulations or otherwise further the public health protection objectives of the SDWA. Please see Table 4 on page 27.
- Completed construction during the year on seventeen (17) projects totaling \$56.6 million.

- Made binding commitments for twenty-one (21) new loans, totaling approximately \$86.5 million, in drinking water construction for communities to correct problems and achieve compliance with the SDWA. See pages 3-8.

C. Loan Funding Activities

DEQ and OWRB made binding commitments to twenty-one (21) projects during SFY 2023. Seventeen (17) of which were long-term loans to small communities including: Perry Municipal Authority (MA) (II); Loyal Public Works Authority (PWA); Temple Utilities Authority (UA); Newkirk Municipal Authority (MA); Carnegie Public Works Authority (PWA); Custer City Public Works Authority (PWA); Alva Utility Authority (UA) (II); Checotah Public Works Authority (PWA); Stigler Municipal Improvements Authority (MIA); Tonkawa Municipal Authority (MA) (III); Fort Cobb Public Works Authority (PWA); Comanche County Rural Water District (RWD) #2 (III); Waynoka Utilities Authority (UA) (III); Buffalo Public Works Authority (PWA); Geronimo Public Works Authority (PWA); Hollis Public Works Authority (PWA); and Wagoner County Rural Water District #5 (V). Four (4) of the binding commitments were long-term loans to large communities. They include Lawton Water Authority (WA) (V); Creek County Rural Water District (RWD) #2; Altus Municipal Authority (MA) (III); and Oklahoma City Water Utilities Trust (OCWUT) (XI).

DEQ and OWRB closed loans with twenty-one (21) systems for twenty-one (21) projects by June 30, 2023. See Tables 4 and 5.

The Federal Fiscal Year (FFY) 2022 appropriation grant assistance agreement had a subsidy requirement of 14%. It also included a minimum 12% or up to 35% subsidy requirement for disadvantaged systems. Although the appropriation also encouraged assistance for Green Project Reserve (GPR) projects, GPR was not mandatory for FFY 2022. DEQ and OWRB did not provide subsidy for GPR projects during SFY 2023.

DEQ targeted the additional subsidies to public water supplies who have health-based violations (HBV), such as disinfection byproduct (DBP) issues, regionalization, consolidation, or other compliance issues. A “disadvantaged community” is defined at VII.B in the SFY 2023 Intended Use Plan (IUP). Please see Attachment 2. Please see Attachment 8. Twenty-one (21) loans were closed, and all were considered “disadvantaged” according to the definition. Please see Attachment 10 for subsidy funds by Grant and Projects, and Attachment 15 for Subsidy Draw Down Tracking Chart by Projects.

The project descriptions listed on the following pages show twenty (21) projects that received a binding commitment during SFY 2023.

SFY 2023 Project Descriptions

Perry MA (II)

Binding Commitment Date: September 20, 2022; Binding Commitment Amount: \$4,000,000.00

Loan Closing Date: September 30, 2022; Loan Closing Amount: \$4,000,000.00

Loan Term: Thirty (30) years

Principal Forgiveness (Subsidy) Amount: \$1,000,000 (BIL Gen. Supp. (GS))

Green Project Reserve Amount: \$0.00

Project Description: Waterline replacement, installation of generators for backup power, and water tower improvements

Construction completion is estimated to occur in the spring of 2024.

Loyal PWA

Binding Commitment Date: October 18, 2022; Binding Commitment Amount: \$800,000.00

Loan Closing Date: November 29, 2022; Loan Closing Amount: \$612,997.00

Loan Term: Zero (0) years

Principal Forgiveness (Subsidy) Amount: \$398,920.00 (BIL GS) \$214,077.00 (DBP)

Green Project Reserve Amount: \$0.00

Project Description: Ion exchange water treatment plant.

Construction completion is estimated to occur in the summer of 2025.

Newkirk MA

Binding Commitment Date: December 8, 2022; Binding Commitment Amount: \$400,000.00

Loan Closing Date: December 14, 2022; Loan Closing Amount: \$316,643.24

Loan Term: Zero (0) years

Principal Forgiveness (Subsidy) Amount: \$316,643.24 (BIL GS)

Green Project Reserve Amount: \$0.00

Project Description: Replacement of 1,840 linear feet 4-inch cast iron water line with 8-inch PVC water line.

Construction was completed in the summer of 2023.

Custer City PWA

Binding Commitment Date: December 8, 2022; Binding Commitment Amount: \$800,000.00

Loan Closing Date: December 20, 2022; Loan Closing Amount: \$708,545.00

Loan Term: Zero (0) years

Principal Forgiveness (Subsidy) Amount: \$708,545.00 (BIL GS)

Green Project Reserve Amount: \$0.00

Project Description: Replacement of 10,041 linear feet of 8" PVC waterline and 450 linear feet of 8" PE waterline.

Construction was completed in early summer 2023.

Alva UA (II)

Binding Commitment Date: December 8, 2022; Binding Commitment Amount: \$1,700,000.00

Loan Closing Date: December 30, 2022; Loan Closing Amount: \$1,565,000.00

Loan Term: Fifteen (15) years

Principal Forgiveness (Subsidy) Amount: \$800,000.00 (BIL GS) \$200,000.00 (Cap. Grant Disadvantaged (CGD))

Green Project Reserve Amount: \$0.00

Project Description: Replacement of water meters with AMR water meters.

Construction completion is estimated to occur in the spring of 2024.

Carnegie PWA

Binding Commitment Date: December 8, 2022; Binding Commitment Amount: \$249,999.00

Loan Closing Date: January 12, 2023; Loan Closing Amount: \$243,080.00

Loan Term: Zero (0) years

Principal Forgiveness (Subsidy) Amount: \$243,080.00 (BIL GS)

Green Project Reserve Amount: \$0.00

Project Description: Replace water meters with AMR system.

Construction was completed in the spring of 2023.

Stigler MIA

Binding Commitment Date: January 17, 2023; Binding Commitment Amount: \$800,000.00

Loan Closing Date: January 30, 2023; Loan Closing Amount: \$245,778.21

Loan Term: Zero (0) years

Principal Forgiveness (Subsidy) Amount: \$245,778.21 (BIL GS)

Green Project Reserve Amount: \$0.00

Project Description: Rehabilitation of existing 300,000-gallon water storage tank.

Construction was completed on this project in spring of 2023.

Fort Cobb PWA

Binding Commitment Date: January 17, 2023; Binding Commitment Amount: \$1,000,000.00

Loan Closing Date: January 31, 2023; Loan Closing Amount: \$974,146.10

Loan Term: Zero (0) years

Principal Forgiveness (Subsidy) Amount: \$774,146.10 (BIL GS) \$200,000.00 (CGD)

Green Project Reserve Amount: \$0.00

Project Description: City-wide line replacement.

Construction completion is estimated to occur in the winter of 2024.

Checotah PWA (III)

Binding Commitment Date: January 17, 2023; Binding Commitment Amount: \$1,442,000.00

Loan Closing Date: February 6, 2023; Loan Closing Amount: \$1,341,000.00

Loan Term: Ten (10) years

Principal Forgiveness (Subsidy) Amount: \$800,000.00 (BIL GS) \$200,000.00 (CGD)

Green Project Reserve Amount: \$0.00

Project Description: Replacement of approx. 2,600 LF of six (6) inch potable water line and 2,600 LF of eight (8) inch water line.

Construction completion is estimated to occur in the winter of 2023.

Comanche County RWD #2 (III)

Binding Commitment Date: February 21, 2023; Binding Commitment Amount: \$1,840,000.00

Loan Closing Date: February 28, 2023; Loan Closing Amount: \$1,840,000.00

Loan Term: Thirty (30) years

Principal Forgiveness (Subsidy) Amount: \$800,000.00 (BIL GS)

Green Project Reserve Amount: \$0.00

Project Description: Installation of 15,725 linear feet (LF) of 8-inch polyvinyl chloride (PVC) water line, 12,240 LF of 10-inch PVC water line, 175 LF of 8-inch high density polyethylene (HDPE) water line, and 200 LF of 10-inch HDPE water line and all appurtenances along with the installation of one (1) new 500-gallon per minute (gpm) booster pump station to replace the 200-gpm booster pump station at Stoney Point.

Construction completion is estimated to occur in the winter of 2024.

Buffalo PWA

Binding Commitment Date: February 21, 2023; Binding Commitment Amount: \$314,450.00

Loan Closing Date: March 3, 2023; Loan Closing Amount: \$218,000.00

Loan Term: Zero (0) years

Principal Forgiveness (Subsidy) Amount: \$218,000.00 (BIL GS)

Green Project Reserve Amount: \$0.00

Project Description: Valve Insertion to existing line

Construction completion is estimated to occur in the winter of 2024.

Temple UA

Binding Commitment Date: December 8, 2022; Increase on February 21, 2023; Binding Commitment Amount: \$1,000,000.00 Increased by \$500,000.00 on 2/21/2023 for a total of \$1,500,000.00.

Loan Closing Date: March 6, 2023; Loan Closing Amount: \$1,500,000.00;

Loan Term: Zero (0) years

Principal Forgiveness (Subsidy) Amount: \$800,000.00 (BIL GS), \$500,000.00 (Cap. Grant (CG) Health Based (HB)), \$200,000.00 (CGD)

Green Project Reserve Amount: \$0.00

Project Description: Water treatment plant upgrade.

Construction completion is estimated to occur in the summer of 2025.

Lawton WA (V) (Equivalency BIL FFY 2022 GS)

Binding Commitment Date: December 8, 2022; Binding Commitment Amount: \$28,000,000.00

Loan Closing Date: March 8, 2023; Loan Closing Amount: \$28,000,000.00

Loan Term: Twenty-five (25) years

Principal Forgiveness (Subsidy) Amount: \$1,000,000.00 (BIL GS)

Green Project Reserve Amount: \$0.00

Project Description: Construction of approximately 9,000 linear feet of thirty-six (36) inch DIP potable water line along NW Cache Road, approximately 1,600 linear feet of thirty (30) inch DIP potable water line along NW Atlanta Ave. and NW Hunter Road, approximately 13,000 linear feet of twelve (12) inch PVC potable water line along NW Cache Road.

Construction completion is estimated to occur in the spring of 2025.

Tonkawa MA (III)

Binding Commitment Date: January 17, 2023; Binding Commitment Amount: \$2,000,000.00

Loan Closing Date: March 17, 2023; Loan Closing Amount: \$1,519,100.00

Loan Term: Fifteen (15) years

Principal Forgiveness (Subsidy) Amount: \$800,000.00 (BIL GS), \$200,000.00 (CGD)

Green Project Reserve Amount: \$0.00

Project Description: Water Line Replacement.

Construction completion is estimated to occur in the summer of 2024.

Waynoka UA (III)

Binding Commitment Date: February 21, 2023; Binding Commitment Amount: \$992,200.00

Loan Closing Date: March 30, 2023; Loan Closing Amount: \$992,200.00

Loan Term: Twenty (20) Years

Principal Forgiveness (Subsidy) Amount: \$800,000.00 (BIL GS), \$192,200.00 (CGD)

Green Project Reserve Amount: \$0.00

Project Description: Construction of 4,935 linear feet of 6-inch polyvinyl chloride (PVC) water line to replace cast iron water line with lead joints in the distribution system with all appurtenances.

Construction completion is estimated to occur in the fall of 2023.

Geronimo PWA (II)

Binding Commitment Date: March 21, 2023; Binding Commitment Amount: \$800,000.00

Loan Closing Date: April 7, 2023; Loan Closing Amount: \$747,111.00

Loan Term: Twenty (20) Years

Principal Forgiveness (Subsidy) Amount: \$747,111.00 (BIL GS)

Green Project Reserve Amount: \$0.00

Project Description: 7,200 feet of 6-inch water line replacement.

Construction completion is estimated to occur in the fall of 2023.

Altus MA (III) (LSLI)

Binding Commitment Date: March 21, 2023; Binding Commitment Amount: \$7,600,000.00

Loan Closing Date: April 7, 2023; Loan Closing Amount: \$7,600,000

Loan Term: Thirty (30) Years

Principal Forgiveness (Subsidy) Amount: \$2,500,000.00 (Lead Service Line Inventory (LSLI))

Green Project Reserve Amount: \$0.00

Project Description: Lead Service Line Inventory work including data entry and GIS to DEQ spreadsheet, verification by hydrovacuuming, lead pigtail and line replacement.

Construction was completed in Summer 2023.

Hollis PWA

Binding Commitment Date: March 21, 2023; Binding Commitment Amount: \$800,000.00

Loan Closing Date: April 7, 2023; Loan Closing Amount: \$383,624.00

Loan Term: Twenty (20) Years

Principal Forgiveness (Subsidy) Amount: \$383,624.00 (BIL GS)

Green Project Reserve Amount: \$0.00

Project Description: Replacement of 12-inch finished transmission main line.

Construction was completed in Summer 2023.

OKCWUT (XI) (LSLI)

Binding Commitment Date: April 18, 2023; Binding Commitment Amount: \$2,225,000.00

Loan Closing Date: April 25, 2023; Loan Closing Amount: \$2,225,000.00

Loan Term: Fifteen (15) Years

Principal Forgiveness (Subsidy) Amount: \$734,250.00 (LSLI)

Green Project Reserve Amount: \$0.00

Project Description: Lead Service Line Inventory verification by hydrovacuuming.

Construction completion is estimated to occur in the winter of 2024.

Creek County RWD # 2 (Equivalency Base FFY 2022)

Binding Commitment Date: February 21, 2023; Binding Commitment Amount: \$15,000,000.00

Loan Closing Date: June 9, 2023; Loan Closing Amount: \$13,140,000.00

Loan Term: Thirty (30) Years

Principal Forgiveness (Subsidy) Amount: \$1,000,000.00 (BIL GS)

Green Project Reserve Amount: \$0.00

Project Description: Water System Improvements.

Construction completion is estimated to occur in the summer of 2025.

Wagoner County RWD # 5 (V)

Binding Commitment Date: June 20, 2023; Binding Commitment Amount:

\$14,215,000.00

Loan Closing Date: June 23, 2023; Loan Closing Amount: \$14,215,000.00

Loan Term: Thirty (30) Years

Principal Forgiveness (Subsidy) Amount: \$663,072.45 (BIL GS), \$250,000.00 (CG HB)

Green Project Reserve Amount: \$0.00

Project Description: Construction of new treatment plant.

Construction completion is estimated to occur in the summer of 2025.

D. Additional Requirements [Subsidies, Davis Bacon (DB), State Revolving Fund (SRF) Data System, Federal Funding Accountability and Transparency Act (FFATA), Drinking Water National Information Management System (DWNIMS), American Iron and Steel (AIS), Sustainability, Build American Buy American ACT (BABAA), and State Laws and Procedures, etc.]

The following information shows the accounting of subsidies for the FFY 2020, 2021, 2022 Base capitalization grants, and BIL 2022 GS, Lead Service Line Inventory/Replacement (LSLI/R), and Emerging Contaminants (EC) as of June 30, 2023. DEQ/OWRB uses principal forgiveness when assigning subsidies.

<u>FFY 2020 Grant Amount</u>	<u>\$15,610,000.00</u>
14% Subsidy	\$2,185,400.00
Subsidy Amount Awarded	<u>\$2,185,400.00</u>
Subsidy Amount left to Award	\$0
 6% Disadvantaged Subsidy	 \$936,600.00
Subsidy Amount Awarded	<u>\$936,600.00</u>
Subsidy Amount left to Award	\$0
 Remaining Amount Carried Forward to SFY 2024	 \$0

<u>FFY 2021 Grant Amount</u>	<u>\$15,596,000.00</u>
14% Subsidy	\$2,183,440.00
Subsidy Amount Awarded	<u>\$2,185,440.00</u>
Subsidy Amount left to Award	\$0

6% Disadvantaged Subsidy	\$935,760.00
Subsidy Amount Awarded	<u>\$935,760.00</u>
Subsidy Amount left to Award	\$0

Remaining Amount Carried Forward to SFY 2024	\$0
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<u>FFY 2022 Grant Amount</u>	<u>\$9,935,000.00</u>
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14% Subsidy	\$1,390,900.00
Subsidy Amount Awarded	\$964,077.00
Subsidy Amount left to Award	\$426,823.00
Remaining Amount Carried Forward to SFY 2024	\$0

12% Disadvantaged Subsidy	\$1,192,200.00
Subsidy Amount Awarded	<u>\$1,192,200.00</u>
Subsidy Amount left to Award	\$0

Remaining Amount Carried Forward to SFY 2024	\$0
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FFY BIL 2022

GS

<u>Grant Amount</u>	<u>\$25,508,000.00</u>
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49% Subsidy	\$12,498,920.00
Subsidy Amount Awarded	\$12,498,920.00
Subsidy Amount left to Award	\$0
Remaining Amount Carried Forward to SFY 2024	\$0

<u>FFY BIL 2022 LSLI/R</u>	<u>\$40,192,000.00</u>
<u>Grant Amount</u>	
49% Subsidy	\$19,694,080.00
Subsidy Amount Awarded	\$3,234,250.00
Subsidy Amount left to Award	\$16,459,830.00
Remaining Amount Carried	
Forward to SFY 2024	\$16,459,830.00

<u>FFY BIL 2022 EC</u>	<u>\$5,733,624.00</u>
<u>Grant Amount</u>	
100% Subsidy	\$4,800,000.00
Subsidy Amount Awarded	\$0
Subsidy Amount left to Award	\$4,800,000.00
Remaining Amount Carried	
Forward to SFY 2024	\$4,800,000.00

The total combined subsidy forwarded to SFY 2024, is \$21,686,653.00.

DWSRF projects receiving loan subsidies and/or extended-term financing are listed in Attachment 8. Also, please see Attachment 10 for the Subsidy Tracking Chart by Grant and Projects.

All projects funded with subsidy funds are required to include the Davis-Bacon Provisions as defined in the capitalization grant conditions. DWSRF staff monitored each project through planning, bidding, contracting, and construction to ensure that these provisions were met.

DEQ is required to report project level data in the DWSRF SRF Data System on a quarterly basis. All nineteen (19) regular projects, two (2) LSLI/R projects, and zero (0) EC projects that closed a loan in SFY 2023 have been entered in SRF Data System. See list in Attachment 14.

DEQ is required to report project funding in the FFATA database for either Equivalency or Non-Equivalency projects. An amount reported for funded projects, equal to the capitalization grant amount (minus the set-aside amount), was submitted to the FFATA database during SFY 2023 for the Base and BIL GS grants. The FFY 2022 base capitalization grant amount was \$9,935,000, minus the set-aside amount of \$3,079,850, which equals \$6,855,150. One (1) project totaling \$13,140,000, was used for reporting on the base grant for equivalency. The project was Creek County RWD #2. Only \$6,855,150 was entered as of June 30, 2023, since the loan amount exceeded the reporting maximum. The FFY 2022 BIL GS grant amount was \$25,508,000, minus the set-aside amount of \$1,429,477, which equals \$24,078,530. One (1) project totaling \$28,000,000,

was used for reporting on the BIL GS grant for equivalency. The project was Lawton WA (V). Only \$24,078,530 was entered as of June 30, 2023, since the loan amount exceeded the reporting maximum. These grants were based on Equivalency this SFY. The BIL LSLI/R and EC grants were based on non-Equivalency which is how DEQ has reported in the past. The FFY 2022 BIL LSLI/R grant amount was \$40,192,000, minus the set-aside amount of \$10,449,920, which equals \$29,742,080. Two (2) projects totaling \$9,825,000, were used for reporting on the BIL LSLI/R grant. The projects are Altus MA (III), and OKC WUT (XI). Altus MA (II) was reported in the amount of \$7,600,000, and OKC WUT (XI) was reported in the amount of \$2,225,000. Additional FFATA reporting for LSLI/R will resume when more projects close loans. No reporting has been done for the FFY 2022 BIL EC grant, since no loans have closed yet. There are two (2) projects moving forward for funding this Fall. DEQ did not report on the set-aside total because there were not any eligible expenses. Please see Attachment 9.

DEQ is required to report all financial information into the DWNIMS database on a yearly basis. All financial information was entered into DWNIMS by the EPA deadline.

On January 17, 2014, H.R. 3547, "Consolidated Appropriations Act, 2014," was enacted. This law provides appropriations for the DWSRF for FFY 2014 while adding an AIS requirement. H.R. 3547 included language in Division G, Title IV, under the heading "Use of American Iron and Steel". DEQ implemented the provisions of this new act on January 17, 2014. Also, the DWSRF forms were updated to include this new requirement.

DEQ continues to encourage a range of practices that support sustainable water infrastructure and overall system sustainability through the Capacity Development program by implementing the Capacity Development Assessment for each loan recipient.

On June 23, 2015, EPA sent out guidelines for Enhancing Public Awareness of SRF Assistance Agreements. The "Signage Requirement" has been adopted by DEQ and OWRB. DEQ purchased "EPA" stickers to be placed on the construction sign. Please see Attachment 13 for documentation. During SFY 2023, EPA mandated a new project sign be incorporated into the DWSRF Program for all projects receiving BIL funding.

State Laws and Procedures

DEQ complied with the following state laws and procedures: Oklahoma Public Competitive Bidding Act of 1974

OS Title 74 – Central Purchasing Act

OS Title 61 – Public Buildings and Public Works

OS Title 82 – Waters and Water Rights

OS Title 785 Chapter 50 – Financial Assistance

OAC 252-004 Rules of Practice and Procedure

OAC 252-626 Public Water Supply Construction Standards

OAC 252-631 Public Water Supply Operation
OAC 252-633 Drinking Water State Revolving Fund
OAC 252-710 Water Works and Wastewater Works Operator Certification

II. DWSRF Summary

In anticipation of the federal re-authorization of the SDWA and creation of the DWSRF, H.B. 2426 was signed into law creating the Drinking Water Treatment Revolving Loan Account on May 10, 1994. Re-authorization of the SDWA was accomplished August 6, 1996, and H.B. 1084 was signed into law, amending the previous action to implement Section 1452 of the SDWA.

Table 1 is a summary of federal and state matching funds available to the DWSRF from 1997 through 2023 as a result of federal capitalization grants authorized to be awarded to the State of Oklahoma. Provided the federal SDWA is re-authorized, capitalization grants from the federal government are expected to continue beyond 2023.

Table 1-Awarded Funds

Federal Fiscal Year (FFY)	Federal Appropriation	20% State Match	Total	Reserved for Set-Asides	Total Available for Assistance
1997	\$17,561,900	\$3,512,380	\$21,074,280	\$5,444,189	\$15,630,091
1998	\$10,224,200	\$2,044,840	\$12,269,040	\$3,169,502	\$9,099,538
1999	\$10,716,000	\$2,143,200	\$12,859,200	\$3,321,960	\$9,537,240
2000	\$11,137,000	\$2,227,400	\$13,364,400	\$1,781,920	\$11,582,480
2001	\$11,183,000	\$2,236,600	\$13,419,600	\$2,247,253	\$11,172,347
2002	\$12,446,500	\$2,489,300	\$14,935,800	\$3,236,090	\$11,699,710
2003	\$12,371,700	\$2,474,340	\$14,846,040	\$2,845,492	\$12,000,549
2004	\$12,833,800	\$2,566,760	\$15,400,560	\$3,336,788	\$12,063,772
2005	\$12,806,700	\$2,561,340	\$15,368,040	\$3,009,575	\$12,358,465
2006	\$13,285,600	\$2,657,120	\$15,942,720	\$3,141,612	\$12,801,108
2007	\$13,285,600	\$2,657,120	\$15,942,720	\$3,383,424	\$12,559,296
2008	\$13,151,000	\$2,630,200	\$15,781,200	\$3,534,820	\$12,246,380
2009	\$13,151,000	\$2,630,200	\$15,781,200	\$6,074,218	\$9,706,982
ARRA	\$31,481,000	\$0	\$31,481,000	\$1,259,240	\$30,221,760
2010	\$16,863,000	\$3,372,600	\$20,235,600	\$5,227,530	\$15,008,070
2011	\$11,701,000	\$2,340,200	\$14,041,200	\$3,627,310	\$10,413,890
2012	\$11,151,000	\$2,230,200	\$13,381,200	\$3,456,810	\$9,924,390
2013	\$10,463,000	\$2,092,600	\$12,555,600	\$3,243,530	\$9,312,070
2014*	\$14,226,000	\$2,850,200	\$17,101,200	\$4,392,810	\$12,683,390
2015	\$14,157,000	\$2,831,400	\$16,988,400	\$4,388,670	\$12,599,730
2016	\$13,393,000	\$2,678,600	\$16,071,600	\$4,151,830	\$11,919,770
2017	\$13,279,000	\$2,655,800	\$15,934,800	\$4,116,490	\$11,818,310
2018	\$15,747,000	\$3,149,400	\$18,896,400	\$4,881,570	\$14,014,830
2019**	\$15,580,000	\$3,120,000	\$18,700,000	\$4,836,000	\$13,864,000
2020	\$15,610,000	\$3,122,000	\$18,732,000	\$4,839,100	\$13,892,900
2021	\$15,596,000	\$3,119,200	\$18,715,200	\$4,834,760	\$13,880,440
2022	\$ 9,935,000	\$1,987,000	\$11,922,000	\$3,079,850	\$ 8,842,150
2022 BIL GS	\$25,508,000	\$2,550,800	\$28,058,800	\$1,429,477	\$26,629,323
2022 BIL LSLI/R	\$40,192,000	\$0	\$40,192,000	\$10,449,920	\$29,742,080
2022 BIL EC	\$10,711,000	\$0	\$10,711,000	\$933,624	\$4,800,000
TOTAL	\$449,747,000	\$70,930,800	\$520,677,800	\$113,675,364	\$402,309,485

*A \$25,000 contract was issued through EPA and taken off the top of the grant amount (Grant amount \$14,251,000 minus \$25,000 left an awarded amount of \$14,226,000).

**A \$20,000 contract was issued through EPA and taken off the top of the grant amount (Grant amount \$15,600,000 minus \$20,000 left an awarded amount of \$15,580,000).

Federal capitalization grant funds were awarded to DEQ during SFY 2023. DEQ applied for the FFY 2022 base capitalization grant on June 17, 2022. EPA awarded \$9,935,000, to DEQ on September 30, 2022. The state matching funds for the FFY 2022 base capitalization grant in the amount of \$1,987,00 were provided through the Series 2021 DWSRF Bond Issue. DEQ applied for three (3) additional grants under the BIL allotments. The first one is BIL GS and DEQ applied for it on June 17, 2022. EPA awarded \$25,508,000, to DEQ on September 14, 2022. The 2022 GS grant matching funds in the amount of \$2,550,800 were partially funded through the 2021 DWSRF Bond Issue in the amount of \$1,213,000 and through a transfer from the DWSRF Administrative Fund held outside the DWSRF in the amount of \$1,337,800, with the option to refund the Drinking Water Administrative Fund with bond proceeds. The second one is BIL LSLI/R which DEQ applied for on June 17, 2022. EPA awarded \$40,192,000, to DEQ on September 14, 2022. There were no state matching funds required for the BIL LSLI/R grant. The third one is BIL EC that DEQ applied for on June 17, 2022. EPA awarded \$5,733,624, to DEQ on September 14, 2022. There were no state matching funds required for the BIL EC grant. See page 45 & 46 for more information regarding revenue bond issues. See Attachment 7 for the Sources and Uses of Funds Statement.

A. Set-asides

Section 1452 of the SDWA authorizes four set-asides to enable states to implement requirements of the SDWA. DEQ reserved 31% of the FFY 2022 capitalization grant. The following is a description of the four set-aside account activities.

1. DWSRF Administration

Funds equal to 4% of the FFY 2022 federal capitalization grant were set-aside to offset administrative costs incurred by DEQ and OWRB during SFY 2023. Administrative tasks include loan portfolio management; debt issuance; financial, management, and legal consulting fees; and technical tasks, including the review of planning and design documents, construction documents, and project inspection. A copy of the DEQ and OWRB Interagency Agreement for SFY 2023 is included as Attachment 1.

The DWSRF Administration Set-aside from the FFY 2022 capitalization grant was \$397,400. This entire amount was specified for staff salaries, to provide travel and training necessary for the adequate performance of staff, to pay DWSRF audit costs, and to provide equipment and supplies to meet the needs of the administration of the

DWSRF during SFY 2023. A total of \$217,400 for SFY 2023 was budgeted for DEQ expenses associated with administration of the DWSRF and \$180,000 was budgeted for OWRB expenses associated with administration of the DWSRF. Table 2, included on page 15, contains budget and expense data.

DEQ and OWRB expended \$23 from the FFY 2020 grant Administration Set-aside, and \$346,766 from the FFY 2021 grant Administration Set-aside, and \$218,926 from the FFY 2022 grant Administration Set-aside during SFY 2023.

In the SFY 2023 work plan, two (2) contracts were listed as potential projects during the year. The first contract was the Annual Audit Contract listed for \$38,500. The contract was awarded for \$38,500, and this amount was expended for contracted work. The second contract was the Interagency Agreement (I/A) with OWRB for \$180,000 and this amount was expended during SFY 2023. Also, DEQ is a member of the Funding Agency Coordinating Team (FACT). This team is made up of members of the various funding agencies for water projects in the state. The team meets quarterly to discuss systems pursuing funding, and to help systems decide the best option for their situation. FACT has an “Engineering/Environmental Conference” each year or every other year. This brings together the consulting engineers of Oklahoma and agency staff for training and updates. DEQ and OWRB meet monthly to discuss the projects pursuing DWSRF funding.

Funds from the FFY 2022 BIL federal capitalization grants were set-aside to offset Administration costs incurred by DEQ and OWRB during SFY 2023.

	<u>Percent</u>	<u>Awarded</u>	<u>Expended</u>
BIL General Supplemental	1.6%	\$ 409,689	\$ 124,378
BIL Lead Service Line Inventory	4.0%	\$1,607,680	\$ 5,716
BIL Emerging Contaminants	1.0%	\$ 110,625	\$ 1,552

During SFY 2023, DEQ did not transfer any unexpended Administration Set-aside funds from the capitalization grant to the project loan fund. In accordance with EPA’s DWSRF Set-aside Management Policy that was announced on February 9, 1999, DEQ will reserve the authority to specify any transferred funds from future capitalization grants if they are needed. Set-aside amounts are listed in Table 2.

In accordance with the governing state revolving fund bond documents, including but not limited to the Bond Indenture, administrative funds utilized to administer the program may be paid from the 0.5% administration fee collected on DWSRF loans. The borrowers are billed 0.5% of the outstanding loan principal semi-annually along with their principal and interest payments. As authorized by H.B. 1084 (May 1998), administrative fees collected by OWRB will be held outside the DWSRF account in the Drinking Water Treatment Administrative Fund (DWTAF).

During SFY 2023, administration fees and loan application fees of \$3,586,230 were invoiced and collected. Additionally, the DWTAF earned \$183,930, in interest, for SFY 2023. During SFY 2023, \$2,146,682 was expended from the DWTAF for staff training, Council of Infrastructure Financing Authorities (CIFA) workshop registration, publications, accounting software, annual maintenance fee, state match, and payroll. All expenditures made from the DWTAF were for eligible DWSRF purposes. The balance of the DWTAF at June 30, 2023, was \$10,801,798. Table 3, located on page 16 of this report, includes cumulative DWTAF income and expenditure data. See page 10 of the financial statements for detail on how the administrative fee is collected. Also, see page 10 of the financial statements for the fee balance.

The specific goal for the DWSRF Administrative account is to provide administration of the DWSRF by providing loans to the systems designated for funding in the IUP. Outputs and deliverables for this set-aside will be the successful completion of loans for infrastructure construction projects to public water systems to ensure drinking water is safe and in compliance with the goals of the SDWA. Each employee in the DWSRF program is evaluated throughout the year based on tasks and goals set up at the beginning of each state fiscal year. These tasks are required to accomplish the goals listed in the IUP each year. During these reviews, tasks that are not on schedule will be addressed by the section supervisor. The necessary corrective action of goal emphasis or staff readjustment can be initiated as required.

Table 2: Capitalization Budget and Expenses (Set-Aside Accounts)

Grant/Use	Total Set-Aside	Specified	Unspecified	Unspecified & Moved to Loan Fund	Cumulative Unspecified & Moved to Loan Fund	Current Year Transfer	Date of Transfer	Expended	Remaining Balance*
FFY 2020 Capitalization Grant = \$15,610,000 - \$4,839,100 = \$10,770,900 to the loan fund									
Admin	624,400	624,400	0	0	1,308,691	0		624,400	0
SSTA	312,200	312,200	0	0	959,478	0		312,200	0
SPM	1,561,000	1,561,000	0	0	5,873,807	18,079	6/9/2023	1,544,494	16,506
LA	2,341,500	2,341,500	0	0	9,909,394	37,173	6/9/2023	2,296,265	45,235
Totals	4,839,100	4,839,100	0	0	18,051,370	55,252		4,777,359	61,741
FFY 2021 Capitalization Grant = \$15,596,000 - \$4,834,760 = \$10,761,240 to the loan fund									
Admin	623,840	623,840	0	0	1,308,691	0		621,413	2,427
SSTA	311,920	311,920	0	0	959,478	0		195,048	116,872
789	1,559,600	1,559,600	0	0	5,873,807	0		1,237,039	322,561
LA	2,339,400	2,339,400	0	0	9,909,394	0		2,111,268	228,132
Totals	4,834,760	4,834,760	0	0	18,051,370	0		4,164,768	669,992
FFY 2022 Capitalization Grant = \$9,935,000 - \$3,079,850 = \$6,855,150 to the loan fund									
Admin	397,400	397,400	0	0	1,308,691	0		218,925	178,475
SSTA	198,700	198,700	0	0	959,478	0		70,879	127,821
SPM	993,500	993,500	0	0	5,873,807	0		419,269	574,231
LA	1,490,250	1,490,250	0	0	9,909,394	0		1,490,250	0
Totals	3,079,850	3,079,850	0	0	18,051,370	0		2,199,323	880,527
Cumulative FFY 1997-2022 Grants									
Admin	14,915,240	14,198,347	126,353	1,182,338	1,308,691	0		13,544,793	180,902
SSTA	6,837,999	6,441,628	65,567	893,911	959,478	0		5,893,944	244,693
SPM	34,328,983	31,746,149	1,440,661	4,648,273	5,873,807	0		29,130,724	913,298
LA	44,785,121	41,237,529	1,570,160	8,339,234	9,909,394	0		37,655,872	273,367
Totals	100,867,343	93,623,653	3,202,741	15,063,756	18,051,370	0		86,225,333	1,612,260

*Remaining balances might not match EPA balances due to delay in drawing down funds

DWSRF OUTSIDE ACCOUNT ADMINISTRATION FEES
Table 3

STATE FISCAL YEAR	RECEIVED IN OUTSIDE ACCOUNT ADMIN FEES	RECEIVED IN OUTSIDE ACCOUNT APPLICATION FEES	RECEIVED IN OUTSIDE ACCOUNT INTEREST EARNED	EXPENDED FROM OUTSIDE ACCOUNT	OUTSIDE ACCT BALANCE CUMMULATIVE
					\$0
1999	\$10,106	\$1,750	\$124		\$11,980
2000	\$27,103	\$2,250	\$1,178	\$58	\$42,453
2001	\$55,593	\$2,750	\$2,820	\$53,283	\$50,333
2002	\$124,102	\$3,850	\$1,561	\$12,369	\$167,478
2003	\$108,724	\$2,850	\$1,199	\$176,084	\$104,166
2004	\$180,786	\$5,000	\$740	\$168,729	\$121,963
2005	\$264,917	\$3,600	\$3,494	\$102,857	\$291,117
2006	\$483,417	\$5,250	\$13,396	\$182,222	\$610,958
2007	\$676,705	\$3,000	\$31,255	\$693,954	\$627,964
2008	\$875,695	\$4,500	\$32,551	\$454,583	\$1,086,127
2009	\$1,416,043	\$10,850	\$53,443	\$528,296	\$2,038,167
2010	\$1,330,896	\$10,500	\$74,719	\$471,636	\$2,982,646
2011	\$1,615,020	\$4,750	\$90,420	\$279,347	\$4,413,488
2012	\$2,123,263	\$5,500	\$114,422	\$4,618,824	\$2,037,849
2013	\$2,181,973	\$5,500	\$52,811	\$381,803	\$3,896,330
2014	\$2,464,260	\$2,750	\$84,739	\$373,893	\$6,074,186
2015	\$2,097,528	\$3,250	\$116,547	\$251,373	\$8,040,137
2016	\$2,363,671	\$2,500	\$118,486	\$3,518,792	\$7,006,002
2017	\$1,916,955	\$2,750	\$123,540	\$709,580	\$8,339,667
2018	\$2,216,896	\$4,000	\$120,160	\$3,277,933	\$7,402,790
2019	\$2,559,207	\$3,917	\$183,679	\$1,284,872	\$8,864,721
2020	\$2,768,155	\$4,367	\$178,577	\$3,766,334	\$8,049,486
2021	\$2,682,216	\$4,600	\$104,734	\$3,736,739	\$7,104,297
2022	\$3,169,881	\$7,900	\$80,458	\$1,184,216	\$9,178,320
2023	\$3,575,963	\$10,267	\$183,930	\$2,146,682	\$10,801,798
TOTALS	\$37,289,075	\$118,200	\$1,768,982	\$28,374,460	

CASH BASIS

FY 2012 – Money provided for Delaware #10 Loan Write-off

FY 2016, 2018, 2019, 2020, 2021, 2022 and 2023 expenditures includes state match transfers

2. Small System Technical Assistance

Funds equal to 2% of the FFY 2022 federal capitalization grant were set-aside to fund small system technical assistance during SFY 2023. These funds were reserved to provide technical assistance to public water supply systems serving populations of 10,000 or fewer. In Oklahoma, during SFY 2023, 96% (1,276) of the public water supply systems met the definition of a small system and serve 1,216,951 Oklahomans. This technical assistance was provided by DEQ personnel.

The Small System Technical Assistance Set-aside from the FFY 2022 capitalization grant was \$198,700. This entire amount was specified for staff salaries and related expenses.

The Small System Technical Assistance Set-aside fund expended \$137,101 from the FFY 2021 grant, and \$65,094 from the FFY 2022 grant during SFY 2023.

Funds from the FFY 2022 BIL federal capitalization grants were set-aside to offset Small System Technical Assistance costs incurred by DEQ and OWRB during SFY 2023.

	<u>Percent</u>	<u>Awarded</u>	<u>Expended</u>
BIL General Supplemental	1.6%	\$ 192,909	\$ 69,936
BIL Lead Service Line Inventory	2.0%	\$ 803,840	\$ 2,287
BIL Emerging Contaminants	1.0%	\$ 104,333	\$ 5,117

During SFY 2023, DEQ did not transfer any unexpended Small System Technical Assistance Set-aside funds from the capitalization grant to the project loan fund. In accordance with EPA's DWSRF Set-aside Management Policy that was announced on February 9, 1999, DEQ will reserve the authority to specify the transferred funds from future capitalization grants if they are needed. Set-aside amounts are listed in Table 2.

Efforts funded by the Small Systems Technical Assistance Set-aside include assistance to small water supply systems in preparation and application for DWSRF loan projects and to systems deemed in need of improved operational controls. DEQ Public Water Supply Engineering and Enforcement District Engineers and Representatives along with DWSRF staff accomplished much of this effort. Other technical assistance to the defined small systems is provided through the Program Management Set-aside described in the following section.

3. State Program Management

Funds equal to \$993,500 (10%) of the FFY 2022 federal capitalization grant were set aside to fund a portion of the Public Water Supply Supervision (PWSS) Program during SFY 2023. The FFY 2022 funds were reserved to provide technical assistance and other enforcement activities of the PWSS Program, as well as conducting Sanitary Surveys. The PWSS Program, as administered by the Water Quality Division (WQD) of DEQ, regulated 1,330 water supply systems which serve 3,816,201

Oklahomans in SFY 2023. The required tasks of the State Program Management (SPM) set-aside were accomplished by WQD staff, in particular the Public Water Supply Engineering and Enforcement Section District Engineers and Representatives along with the Environmental Complaints and Local Services (ECLS) Division of DEQ.

The SPM Set-aside funds from the FFY 2022 capitalization grant was specified for staff salaries and related expenses and contracts during SFY 2023.

During SFY 2023, the Program Management set-aside expended \$8,105 from the FFY 2020 capitalization grant, \$529,263 from the FFY 2021 grant, and \$418,802 from the FFY 2022 grant.

Funds from the FFY 2022 BIL federal capitalization grants were set-aside to offset State Program Management incurred by DEQ and OWRB during SFY 2023.

	<u>Percent</u>	<u>Awarded</u>	<u>Expended</u>
BIL General Supplemental	1.6%	\$ 368,233	\$ 20,796
BIL Lead Service Line Inventory	10.0%	\$4,019,200	\$ 89,488
BIL Emerging Contaminants	5.7%	\$ 614,333	\$ 93

During SFY 2023, DEQ transferred \$18,079 from the 2020 grant into the loan fund to minimize ULOs while waiting for final invoices. In accordance with EPA's DWSRF Set-aside Management Policy that was announced on February 9, 1999, DEQ will reserve the authority to specify the transferred funds from future capitalization grants if they are needed. Set-aside amounts are listed in Table 2.

The SPM Set-aside program was administered by WQD staff, State Environmental Lab Services (SELS) staff, and ECLS staff. See program information and accomplishments below.

Lab Capacity and Development (LCD)

The SELS has effectively used DWSRF funding for activities associated with maintaining adequate analytical capacity in the State to support the SDWA and the conditions of agency drinking water primacy. Primarily, utilization of this funding has gone for participation in various workshops and informational exchanges associated with Lead and Copper Rule Revisions (LCRR), perfluoroalkyl substances (PFAS), and other emerging contaminants. Time has been spent and will continue to be spent on activities related to quantifying PFAS and lithium in drinking water, analytical standards for harmful algal bloom (HAB) testing, and research regarding emerging contaminants of concern. Also, this funding is used for renewal of SELS' The NELAC Institute (TNI) Accreditation, which includes the PFAS and lithium in drinking water testing mentioned previously. Lastly, these funds were used and will continue to be used for drinking water testing and reporting outside of normal business hours to increase Public Water Supply (PWS) monitoring compliance and respond to public

health emergencies. Lastly, in 2022 method development began for EPA method 505, which will allow SELS to utilize a single drinking water method to analyze for analytes currently being tested for using multiple methods. This will increase efficiencies and result in improved sample turnaround times.

Lab Accreditation Program Activities (LAP)

SELS Laboratory Accreditation Program (LAP) is no longer utilizing DWSRF funding for this program due to a rule change at the state level.

State Environmental Laboratory Capacity Maintenance Activities

To maintain laboratory capacity and fulfill Preferred Supplier List (PSL) mission critical functions, the SELS has the ongoing and critical need to replace outdated, inefficient, unserviceable, and nonfunctional equipment and instrumentation that supports the drinking water program. This need also includes the purchase of new technology to prepare for future rule promulgation. This fiscal year the SELS utilized DWSRF funding to procure the following:

An Inductively Coupled Plasma Spectrometry (ICP-MS) instrument was purchased with DWSRF funds and installed in Fall of 2022 for the purpose of analyzing lead and copper in support of the LCRR and Lead Testing in Schools Program.

During SFY 2023, WQD staff accomplished the following activities through State Program Management Set-aside funding:

1. Tracking and technical assistance associated with Inorganic Chemicals;
 - a) *Quantity was 809 systems with current arsenic schedules in SFY 2023.*
 - b) *Quantity was 1,367 systems with current nitrate schedules for SFY 2023.*
 - c) *Quantity was 1,029 systems with current nitrite schedules in SFY 2023.*
 - d) *Quantity was 757 systems with current other phase 2 & 5 inorganic schedules in SFY 2023.*
2. Tracking and technical assistance associated with the Organic Chemicals;
 - a) *Quantity was 789 systems with current volatile organic schedules in SFY 2023.*
 - b) *Quantity was 414 systems with current synthetic organic schedules in SFY 2023.*
3. Tracking and technical assistance associated with the Stage 2 Disinfectant/DBPs Rule; *Quantity was 1,223 systems with current DBP schedules in SFY 2023.*
4. Updating PWS inventory information such as administrative contact information, sources of water and treatment processes; *Quantity was 14 updates for systems in SFY 2023.*
5. Updating latitudes and longitudes for surface water intakes and public water supply wells; *Quantity was 74 new or updated/corrected locations in SFY 2023.*
6. Reviewed and evaluated the eligibility of projects and compliance issues surrounding each system that requested placement on the DWSRF project priority list; *Quantity was 41 for SFY 2023.*

7. Tracking and database maintenance for systems affected by drought conditions; *Quantity was 35 systems for SFY 2023.*
8. Tracking and technical assistance associated with the Lead and Copper Rule; *Quantity was 1,340 systems with current lead and copper schedules for SFY 2023.*
9. Performance of comprehensive performance evaluations (CPEs); *Quantity was one (1) mandatory CPE for SFY 2023.*
10. Tracking and technical assistance associated with the Consumer Confidence Rule (CCR); *Quantity was 892 systems with CCR schedules for SFY 2023.*
11. Tracking and technical assistance associated with the Revised Total Coliform Rule (RTCR); *Quantity was 1,325 systems with current RTCR schedules for SFY 2023.*
12. Tracking and technical assistance associated with Ground Water Rule (GWR); *Quantity was 128 systems with triggered ground water schedules for SFY 2023.*
13. Tracking and technical assistance associated with radionuclides; *Quantity was 649 systems with radionuclide schedules for SFY 2023.*
14. Tracking and technical assistance associated with Surface Water Treatment Rules (SWTR); *Quantity was 175 systems with SWTR requirements for SFY 2023.*
15. Tracking of public notice; *Quantity was 8,475 public notices requested for SFY 2023.*
16. Daily importation of electronic sample data into SDWIS; *Quantity was 141 samples imported for SFY 2023.*

4. Local Assistance and Other State Programs

Funds equal to \$1,490,250 (15%) of the FFY 2022 federal capitalization grant were reserved for capacity development activities, which include the Water Loss and Leak Detection Program, Asset Management Plan Development, Rate Studies, and other technical assistance during SFY 2023.

Funds from the FFY 2022 Bipartisan Infrastructure Law (BIL) federal capitalization grants were set-aside to offset Local Assistance and Other State Programs incurred by DEQ and OWRB during SFY 2023.

	<u>Percent</u>	<u>Awarded</u>	<u>Expended</u>
BIL General Supplemental	1.7%	\$ 458,646	\$ 82,280
BIL Lead Service Line Inventory	10.0%	\$4,019,200	\$ 0
BIL Emerging Contaminants	1.0%	\$ 104,333	\$ 0

During SFY 2023, DEQ transferred \$37,173 from the 2020 grant into the project loan fund to minimize ULOs while waiting for final invoices. Unexpended Local Assistance and Other State Programs Set-aside funds from the FFY 2019, FFY 2020, FFY 2021, and FFY 2022 Capitalization Grants were utilized to cover expenses during SFY 2023.

During SFY 2023, the Local Assistance and Other State Programs' set-aside expended \$127 from the FFY 2019 grant, \$50,999 from the FFY 2020 grant, \$613,740 from the FFY 2021 grant, and \$1,350,808 from the FFY 2022 grant for a total of \$2,015,674. The FFY 2019, 2020, and 2021 capitalization grant expenditures are broken down as follows:

Local Assistance and other State Programs' Activities:	\$745,933
Water Loss Program Activities:	\$375,122
ECLS – Non-Primacy:	\$590,976
Crypto Activities:	\$26,463
HAB:	\$24,863
RTCR Assessments:	\$24,396
Capacity Development Assessments:	\$194,365
Pilot PWS Small System Technical Sampling Assistance	\$32,168
EPA DBP Pilot Project:	<u>\$1,388</u>
	\$2,105,674

The required tasks of the Local Assistance and Other State Programs Set-aside were accomplished by Capacity Development Section (CapDev) staff, ECLS staff, WQD staff, and SELS staff. See program information and accomplishments below.

Water Loss Program Activities

In SFY 2023, DEQ continued work supporting better water loss management and reduction across Oklahoma. WQD with assistance from ECLS continued efforts to promote water loss auditing by conducting water loss audits at 30 public water supplies across the state during the fiscal year. The work consisted of both conducting the audit according to the American Water Works Association (AWWA) M36 method as well as training system personnel to continue performing the audit work on their own. The auditing work found 1.878 billion gallons (BG)/year in real loss and 234.787 million gallons (MG)/year in apparent loss. The work continues to show that levels of real and apparent loss continue to be a concern across the state.

In SFY 2023, DEQ has also continued its work with the Oklahoma Rural Water Association (ORWA) to conduct leak detection and meter analysis at public water supplies that have had a water loss audit performed. During SFY 2023, ORWA staff performed leak detection and meter analysis technical assistance at 9 water systems. Over the course of SFY 2023, 163.2 MG of lost water per year were identified, at a value of \$888,881.00/year. Of the loss that was identified, 115.1 MG were repaired by the water systems, saving them an estimated total of \$601,087.00/year. In each instance, water systems received training from ORWA on how to conduct leak detection and meter analysis on their own, as well as help in locating leaks and faulty meters.

Capacity Development Assessments

During SFY 2023, DEQ completed implementation of the last phase of Project Baseline, a state-wide capacity development assessment of municipal water supplies and rural water districts serving 10,000 or fewer people. Working in concert with staff from the agency's ECLS division, 138 water systems received a capacity development

assessment focused on the system's Technical, Managerial, and Financial (TMF) condition. A total of 1,216 capacity development assessments have been completed with 667 being initial assessments and 549 being follow up assessments. Of the assessments completed, most of the assessed systems (76.97%) demonstrated borderline to adequate levels of TMF capacity, having successfully implemented between 50%-90% of capacity development factors. Over nineteen percent (19.08%) of assessed systems demonstrated ideal levels of TMF capacity (possessing 90% or greater of capacity development factors), 3.13% of assessed systems had a critical lack of capacity (possessing fewer than 50% of recommended capacity development factors), 0.82% failed to submit a completed assessment. The information gathered during the baseline assessment is being used to guide targeted TMF technical assistance to water systems in greatest need of help, as well as strategically to broadly plan technical assistance outreach and focus areas for DEQ and other technical assistance providers.

Rate Analysis Activities

During SFY 2023, DEQ through its contract with ORWA conducted 40 rate studies with 15 municipal systems and 25 rural water districts. In each case, ORWA works with the system to comprehensively account for all expenses and revenue streams, develops a model that forecasts and considers asset management concerns as well as planned capital improvements, and helps the system implement the new rate structure by presenting it to the governing board and the public. Based on the rate studies completed, the participating systems experienced an average improvement in operating ratio of 0.19, and 13 systems moved from insolvency to financial sustainability.

Complaint and Spill Investigations

A cornerstone of the ECLS Division is the Environmental Complaints Program. ECLS procedures allow for a rapid response and a quick resolution to environmental complaints. ECLS, through its 58 local Environmental Programs Specialists (EPSs) strategically located across the state, investigates citizen complaints, and documents each investigation in a central repository. ECLS works toward correction of all complaints in its jurisdiction within 90 days or moves the complaint to enforcement. If the investigation requires the assistance of another Division at DEQ, the complaint is referred to that Division. ECLS handles all initial investigations for all public water supply complaints. ECLS investigated 274 complaints involving public water supplies during SFY 2023. When a spill is reported, whether by the responsible party or a first responder, the local EPS will determine if the location is within a delineated area. If the spill is within a delineated area, the EPS will contact the community to ensure awareness and to facilitate discussion about inclusion in the wellhead protection plan as if the spill was from a potential source of contamination. ECLS investigated 330 spills in 2023.

Technical Assistance

ECLS, through its local EPSs, has a long history of providing technical service to the citizens and communities of Oklahoma. ECLS provides technical assistance to its citizens and public water supply systems, including the following:

- Discussion and clarification of rules and regulations through site visits; phone calls; and mailing DEQ regulations, fact sheets, and/or letters.
- Operational and compliance assistance to municipalities and/or regulated facilities.
- Participation in public meetings.

In SFY 2023, ECLS provided 356 technical assistance visits to public water supply systems and Oklahoma citizens with questions about their drinking water.

Sanitary Surveys and Site Inspections

Sanitary Surveys are in-depth inspections of EPA's eight elements of a PWS system:

(1) source, (2) treatment, (3) distribution system, (4) finished water storage, (5) pumps, pump facilities, and controls, (6) monitoring and reporting and data verification, (7) system management and operation, and (8) operator compliance with State requirements.

Oklahoma's primacy agreement with EPA requires a sanitary survey be conducted for each PWS system once every three years (triennial). PWS District Engineers and Representatives have taken over the responsibility from ECLS of conducting Sanitary Surveys of PWS systems that provide complex treatment. During SFY 2023, PWS District Engineers and Representatives received training and improved procedures to conduct Sanitary Surveys. One thousand and eighty-four (1,084) Sanitary Surveys were completed during SFY 2023.

ECLS EPSs conducted 1407 site inspections at all PWS systems not scheduled for triennial Sanitary Surveys during SFY 2023. These site inspections are conducted to ensure PWS systems are continuing to be properly operated and maintained and to continue maintaining good working relationships with PWS Operators.

Crypto Accreditation Activities

With the goal of being able to support public water systems with new water sources under the Long Term 2 Enhanced Surface Water Treatment (LT2ESWTR) Rule, the SELS will continue to maintain capacity for this analysis through competency samples and proficiency testing to fulfill PSL responsibilities. DWSRF funds were used for the fees associated with re-accreditation along with required proficiency testing samples, and certified organism-specific reference materials. There is also a significant amount of staff training associated with developing and maintaining this capacity which is critical in building expertise and demonstrating competency in this field of testing and a condition of the accreditation.

HAB Activities

The SELS continues to budget for and procure vendor trainings to expand the expertise of staff and better prepare for emergency response HAB events that continue to threaten public and environmental health. The SELS continues to protect public water supply source waters by responding to HAB events with field investigations, sample collections, and post bloom monitoring for toxins. In SFY 2023, SELS used DWSRF funding for proficiency sample testing and the purchase of certified reference materials to keep a high level of capacity and further prepare SELS to respond effectively to such intermittent and unscheduled events. A significant investment in continuous Identification/Enumeration

microscopy and Cyanotoxin training (for new and experienced lab staff) remains critical to building expertise and demonstrating competency in both the field and laboratory, especially as these activities are seasonal in nature.

Laboratory Capacity Expansion Activities

In association with an EPA multipurpose grant, all needed equipment, supplies, and chemicals were procured to run the PFAS methods 537.1 and 533. In addition, method development has been completed for lithium by 200.7. The laboratory became an approved Unregulated Contaminant Monitoring Rule (UCMR 5) laboratory for PFAS methods 537.1 and 533 and Lithium by 200.7 in December 2022 and garnered TNI accreditation for these methods shortly before. SELS continues to partner with the Arkansas Department of Health's Public Health Library (PHL) to share related technical and operational knowledge and experience. Procedures and Initial Demonstration of Capability are underway to expand PCR analysis into *E. coli* testing. Research is being done to determine future enhancements/expansions to include Legionella and *E. coli* O157 qPCR testing. The process is underway to utilize Contaminants of Emerging Concern (CEC) grant funding to procure a Liquid Chromatography Mass Spectrometry (LCMSMS) equipment for cyanotoxin analysis.

PWS Small System Technical Sampling Assistance

The SELS continues to utilize DWSRF to fund one technical Full Time Employee (FTE) to support the Small System Assistance (SSA) Program. Activities include system specific targeted outreach to provide system personnel with advanced technical assistance to explain and demonstrate proper sample collection techniques with an emphasis on the importance of sample integrity and traceability. With a focus on building a sustainable training infrastructure, significant effort is made to help the system staff to better understand compliance sample rules, schedules, sample collection techniques, and test results. With a goal of improved compliance rates, online training videos and other training tools have also been created and deployed for use by these small public water supplies throughout the state. In SFY 2023, SELS provided oversight and assistance for the collection of 77 compliance samples under 5 federal rules through 92 site visits and 152 virtual technical assistance events. The viability of these samples were 99%, with one 1 health-based occurrence. To bolster depth and increase the scope of the program, SELS continues to take advantage of the Senior Environmental Employment (SEE) program to add additional staffing resources to the SSA. The SEE operates in partnership with EPA through the National Older Worker Career Center (NOWCC).

RTCR Assessments

In SFY 2023, DEQ completed level 1 and level 2 assessments for PWSs that were required to comply with that specific part of the RTCR. An assessment is required when total coliform sample results show that a PWS may be vulnerable to contamination. The goal of an assessment is to find sanitary defects which can provide pathways of entry for contamination into a PWS distribution system. A level 1 assessment may be performed by anyone; however, a level 2 assessment must be performed by qualified personnel.

Working in concert with staff from ECLS, DEQ is offering and completing level 1 and level 2 assessments at all PWSs. ECLS and WQD staff completed thirty-four (34) assessments during SFY 2023.

DEQ staff that perform assessments at a PWS used that opportunity to teach the PWS's operators and owners how to assess their own system. By using this opportunity to teach PWS operators and owners, DEQ's goal is that they will be more likely in the future to find sanitary defects on their own before problems arise.

Other Eligible Activities

In the SFY 2023 work plan, contracts and software/hardware items were listed as potential purchases to be funded by the Local Assistance and Other State Programs set-aside during the year. The contracts are listed as follows:

1. Geographical Information System (GIS)/Global Positioning System (GPS) Application Training contract. This item was listed for \$1,500. This item was not awarded in SFY 2023.
2. GPS Maintenance contract. This item was listed for \$1,000. No maintenance was required so this item was not awarded during SFY 2023.

The following software/hardware items were planned to be utilized to support the implementation of the contract information listed above:

- a. Feature Manipulation Engine (FME) Annual Maintenance for GIS Software. This item was listed for \$1,900. The annual license and support were purchased for \$1,900 during SFY 2023, but did not use DWSRF funds.
- b. GIS/GPS Software. This item was listed for \$5,000. This item was not purchased during SFY 2023.
- c. GPS Equipment. This item was listed for \$10,000. This item was not purchased during SFY 2023.
- d. Environmental Systems Research Institute (ESRI) Data Viewer updates. This item was listed for \$5,250. This item was not purchased during SFY 2023.
- e. ESRI Data Viewer Updates Registration. This item was listed for \$2,000. This item was purchased during SFY 2023, but no DWSRF funds were used.

B. State Matching Funds

The SDWA requires state matching funds equivalent to 20% of each capitalization grant. The state matching funds for the FFY 2022 base capitalization grant in the amount of \$1,987,000 were provided through the Series 2021 DWSRF Bond Issue. The 2022 GS Grant matching funds in the amount of \$2,550,800 were partially funded through the 2021

DWSRF Bond Issue in the amount of \$1,213,000 and through a transfer from the DWSRF Administrative Fund held outside the DWSRF in the amount of \$1,337,800, with the option to refund the Drinking Water Administrative Fund with bond proceeds. Please see page 45 & 46 of this report, which provides more details about the bond issues.

C. Project Activities

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 (PPL). 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 meet “ready to proceed” criteria as listed in the IUP.

Projects that have met the “Ready to proceed” requirements are moved to the fundable portion of the PPL 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 of 1974. 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.

DEQ and OWRB provide DWSRF assistance to the eligible projects of highest priority that are ready to proceed with their project. If the highest priority system is not ready to proceed, it may be bypassed to fund the next highest priority system that is ready to proceed. A bypass letter is sent to each system on the PPL whenever the bypass procedures are needed. The bypass procedures were used during the year when the highest ranked projects were not ready to proceed. Lower ranked projects were funded as their projects were determined to be ready to proceed. The original IUP for SFY 2023 is included as Attachment 2. For revisions to the IUP, please see Attachment 12.

Table 4 - DWSRF Project and Loan Details

2023

Project Name	SFY of Loan Closing	Pop.	Environmental Decision		Binding Commit. Date	Loan Closing				Project Component				Planning and Design
			Date	Type		Amount	Interest Rate	Admin. Fee	Start Const.	Treatment	Transmission & Distribution	Source	Storage	
Perry MA (II)	2023	6,430	5/20/22	CATEX	9/20/22	\$4,000,000	2.95%	0.50%	11/21/22	\$190,036.79	\$3,809,963.21	\$0	\$0	\$0
Loyal PWA	2023	81	1/12/22	Accepted NODA EA/FONSI	10/18/22	\$612,997	0.00%	0.00%	4/24/23	\$612,997	\$0	\$0	\$0	\$0
Temple UA	2023	1,146	11/4/22	CATEX	12/8/22	\$1,500,000	0.00%	0.00%	4/7/23	\$1,500,000.00	\$0	\$0	\$0	\$0
Newkirk MA	2023	2,630	11/21/22	CATEX	12/8/22	\$316,643	0.00%	0.00%	2/20/23	\$0	\$316,643.24	\$0	\$0	\$0
Lawton WA (V)	2023	114,387	11/4/22	CATEX	12/8/22	\$28,000,000	2.74%	0.50%	4/14/23	\$0	\$28,000,000.00	\$0	\$0	\$0
Carnegie PWA	2023	1,637	11/21/22	CATEX	12/8/22	\$243,080	0.00%	0.00%	1/31/23	\$0	\$243,080.00	\$0	\$0	\$0
Custer City PWA	2023	393	11/18/22	CATEX	12/8/22	\$708,545	0.00%	0.00%	3/6/23	\$0	\$708,545.00	\$0	\$0	\$0
Alva UA (II)	2023	6,632	11/21/22	CATEX	12/8/22	\$1,565,000	2.28%	0.50%	2/23/23	\$0	\$1,565,000.00	\$0	\$0	\$0
Checotah PWA (III)	2023	8,250	1/3/23	CATEX	1/17/23	\$1,341,000	1.85%	0.50%	4/3/23	\$0	\$1,341,000.00	\$0	\$0	\$0
Stigler MIA	2023	2,731	1/3/23	CATEXI	1/17/23	\$245,778	0.00%	0.00%	3/3/23	\$0	\$245,778.21	\$0	\$0	\$0
Tonkawa MA (III)	2023	3,449	12/5/22	Accepted Parkhill EA/FONSI	1/17/23	\$1,519,100	2.36%	0.50%	6/1/23	\$0	\$1,519,100.00	\$0	\$0	\$0
Fort Cobb PWA	2023	667	1/9/23	CATEX	4/18/22	\$974,146	0.0%	0.00%	8/28/23	\$0	\$974,146.10	\$0	\$0	\$0
Comanche Co. RWD #2 (III)	2023	1,840	1/20/23	EA/FONSI	2/21/23	\$1,840,000	2.90%	0.50%	6/6/23	\$0	\$1,840,000.00	\$0	\$0	\$0
Creek Co. RWD #2	2023	1,840	1/6/23	EA/FONSI	2/21/23	\$13,140,000	2.85%	0.50%	7/5/23	\$0	\$10,610,495.45	\$0	\$2,529,504.55	\$0
Waynoka UA (III)	2023	993	2/30/23	CATEX	2/21/23	\$992,200	0.00%	0.00%	5/1/23	\$0	\$992,200.00	\$0	\$0	\$0
Buffalo PWA	2023	1,200	2/3/23	CATEX	2/21/23	\$218,000	0.00%	0.00%	4/10/23	\$0	\$218,000.00	\$0	\$0	\$0
Geronimo PWA (II)	2023	959	2/24/23	CATEX	3/21/23	\$747,111	0.00%	0.00%	6/5/23	\$0	\$747,111.00	\$0	\$0	\$0
Hollis PWA	2023	2,264	3/10/23	CATEX	3/21/23	\$383,624	0.00%	0.00%	5/1/23	\$0	\$383,624.00	\$0	\$0	\$0
Altus MA (III)	2023	26,087	2/27/23	CATEX	6/21/22	\$7,600,000	2.66%	0.50%	4/7/23	\$0	\$7,600,000.00	\$0	\$0	\$0
OKC WUT (XI)	2023	1,114,000	1/23/23	CATEX	4/18/23	\$2,225,000	2.03%	0.50%	4/25/23	\$0	\$2,225,000.00	\$0	\$0	\$0
Wagoner Co. RWD #5 (V)	2023	4,251	2/7/22	EA/FONSI	6/20/23	\$14,215,000	2.88%	0.50%	8/28/23	\$0	\$14,215,000.00	\$0	\$0	\$0
Totals:						\$82,387,224				\$2,303,033.79	\$77,554,686.21	\$0	\$2,529,504.55	\$0

The total percentage of small systems funded through the Oklahoma DWSRF program is shown in Table 5 below. Currently, 19% of all DWSRF funds have been utilized for small systems. Also 38.9% of the current year's funds have been utilized for small systems.

Table 5 Total Percentage of Small Systems Funded				
Binding Commitments	SFY	Pop.	Small	Large
SFY 1998-2001			\$22,548,975	\$25,989,280
SFY 2002-2005			\$14,465,983	\$117,672,718
SFY 2006-2018			\$247,845,626	\$753,401,429
SFY 2019-2022			\$75,115,959	\$723,615,014
Perry MA (II)	2023	6,430	\$4,000,000	
Loyal PWA	2023	81	\$800,000	
Temple UA	2023	1,146	\$1,500,000	
Newkirk MA	2023	2,630	\$400,000	
Lawton WA (V)	2023	114,387		\$28,000,000
Carnegie PWA	2023	1,637	\$249,999	
Custer City PWA	2023	393	\$800,000	
Alva UA (II)	2023	6,632	\$1,700,000	
Checotah PWA (III)	2023	8,250	\$1,442,000	
Stigler MIA	2023	2,731	\$800,000	
Tonkawa MA (III)	2023	3,449	\$2,000,000	
Fort Cobb PWA	2023	667	\$1,000,000	
Comanche Co. RWD #2 (III)	2023	1,840	\$1,840,000	
Creek Co. RWD #2	2023	13,051		\$15,000,000
Waynoka UA (III)	2023	993	\$992,200	
Buffalo PWA	2023	1,200	\$314,450	
Geronimo PWA (II)	2023	959	\$800,000	
Hollis PWA	2023	2,264	\$800,000	
Altus MA (III)	2023	26,087		\$7,600,000
OKC WUT (XI)	2023	1,114,000		\$2,225,000
Wagoner Co. RWD #5	2023	4,251	\$14,215,000	
Total for 2023			\$33,653,649	\$52,825,000
Total Overall			\$393,630,192	\$1,673,503,441
Percentage			19%	81%

As part of the 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.

- Small system technical assistance provided by DEQ staff, such as the Public Water Supply Engineering & Enforcement Section and ECLS Division;
- Active participation in quarterly meetings of the 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;
- Water Loss Program Activities are provided free of charge to small systems. We plan to continue the voluntary audits with a focus on small systems (see page 21 for activities);
- 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”;
- Coordination with OWRB and ORWA staff to provide financial and technical consultations (see pages 3-8 and table 4);
- Presentations at conferences and workgroups to establish availability of small systems technical and financial assistance (see page 37, Short-Term Goal 8);
- OWRB sends funding resource letters to all drinking water Consent Order recipients;
- Continue to provide subsidy for public water systems with health-based violations, such as DBP issues (see pages 3-8);
- DWSRF presented, or assisted at a booth, at thirteen (13) general conferences and eleven (11) LSLI training events during SFY 2023. OWRB presented/attended twenty (20) conferences during SFY 2023.

Fund Financial Status

Binding Commitments:

A Binding Commitment is a loan application that is approved for funding by the OWRB. DEQ prepares and sends out the Binding Commitment notifying applicants that OWRB had approved their applications and concurred in awarding DWSRF loans. Before issuance of these commitments, the projects were reviewed in accordance with DEQ’s EPA approved State Environmental Review Procedures.

Binding commitments must be made in an amount equal to each grant payment that is deposited into the loan fund and state match within one year of receipt of each grant payment. As of June 30, 2023, DEQ had entered into binding commitments for 555% over the required binding commitment amount. Oklahoma’s binding commitments are displayed in Table 6.

During SFY 2023, many projects had an adjustment between the binding commitment amount and the amount at loan closing due to bid prices coming in lower or higher than expected. The total of these adjustments are listed in Table 6.

Table 6 details the payment schedule and binding commitments for Oklahoma's Drinking Water State Revolving Fund. The table demonstrates that during state fiscal year 2023 the Oklahoma Department of Environmental Quality entered into binding commitments within one year of receipt of payments. Please note that the table lists actions by federal fiscal years.

Table 6 – Binding Commitment Financial Summary													
1997 - 2018 Cumulative data is hidden													
FFY	QTR	2019 Grant	2020 Grant	2021 Grant	Set-Aside	TOTAL	CUMULATIVE	BINDING	CUM. BIND.	PROJ	BINDING	CUM. BIND.	% OF
		Loan	Loan	Loan	Payments	QTR	LOAN	COMMIT.	COMMIT.		COMMIT.	COMMIT.	BIND COM
		Payments	Payments	Payments		PAYMENTS	PAYMENTS	REQUIRED	REQUIRED		ACTUAL	ACTUAL	REQUIRED
2019	1st				\$1,158,213	\$5,432,715	\$251,058,063	\$5,691,331	\$302,851,307	(bz)	\$32,974,803	\$1,187,391,944	392%
	2nd				\$1,158,213	\$0	\$251,058,063	\$193,825	\$303,045,132	(ca)	\$20,823,180	\$1,208,215,124	399%
	3rd				\$1,158,204	\$0	\$251,058,063	\$193,824	\$303,238,956	(cb)	\$15,680,051	\$1,223,895,175	404%
	4th	\$5,382,000			\$1,370,910	\$5,382,000	\$256,440,063	\$6,800,646	\$310,039,602	(cc)	\$17,493,694	\$1,241,388,869	400%
2020	1st	\$5,382,000			\$1,155,030	\$5,382,000	\$261,822,063	\$6,750,901	\$316,790,502	(cd)	\$11,169,783	\$1,252,558,653	395%
	2nd				\$1,155,030	\$0	\$261,822,063	\$231,643	\$317,022,145	(ce)	\$3,476,063	\$1,256,034,715	396%
	3rd				\$1,135,030	\$0	\$261,822,063	\$231,641	\$317,253,786	(cf)	\$126,613,287	\$1,382,648,002	436%
	4th		\$5,385,450		\$1,429,775	\$5,385,450	\$267,207,513	\$6,732,582	\$323,986,368	(cg)	\$1,416,358	\$1,384,064,360	427%
2021	1st		\$5,385,450		\$1,136,442	\$5,385,450	\$272,592,963	\$6,689,406	\$330,675,774	(ch)	\$217,533,310	\$1,601,597,670	484%
	2nd				\$1,136,442	\$0	\$272,592,963	\$231,006	\$330,906,780	(ci)	\$1,675,000	\$1,603,272,670	485%
	3rd				\$1,136,441	\$0	\$272,592,963	\$227,006	\$331,133,786	(cj)	\$40,301,223	\$1,643,573,893	496%
	4th			\$5,380,620	\$1,372,190	\$5,380,620	\$277,973,583	\$6,748,495	\$337,882,281	(ck)	-\$171,927	\$1,643,401,966	486%
2022	1st			\$5,380,620	\$1,154,190	\$5,380,620	\$283,354,203	\$6,689,828	\$344,572,109	(cl)	\$36,600,000	\$1,680,001,966	488%
	2nd				\$1,154,190	\$0	\$283,354,203	\$227,288	\$344,799,398	(cm)	\$1,911,551	\$1,681,913,517	488%
	3rd				\$1,154,190	\$0	\$283,354,203	\$227,288	\$345,026,686	(cn)	\$227,946,538	\$1,909,860,055	554%
	4th												
Total		\$10,764,000	\$10,770,900	\$10,761,240		\$283,354,203		\$344,572,109			\$1,680,001,966		

Timely and Expeditious Use of Funds

DEQ's goal is to have less than 2 years' worth of capitalization grants open. As of June 30, 2023, DEQ had three open grants, which are for FFY 2020, 2021, and FFY 2022. The FFY 2020, and 2021 grants will be closed out during SFY 2024. Federal funds are drawn as quickly as possible using the First-In-First-Out (FIFO) method.

Recipient Accounting Requirements

DWSRF recipients are required to maintain project accounts in accordance with Generally Accepted Government Accounting Standards (GAGAS). All loan agreements for DWSRF recipients stipulate that the "Borrower shall maintain separate Project accounts in accordance with GAGAS." Active borrowers are required to submit financial audits annually to the OWRB. OWRB staff review the audits and work with the borrowers or their auditors to resolve any issue encountered.

Cash Draw Proportionality

Since program inception, DEQ/OWRB has expended available State matching funds prior to expending federal funds for the convenience of accounting for the drawdown of State funds to ensure Federal capitalization grant funds are not drawn down prior to State funds, in accordance with Federal regulations. These regulations, found in 40 CFR 35.3135, stipulate that, at a minimum, State match funds proportional to the State match share (17% of combined State match and capitalization grant funds) must be expended as Federal funds are drawn down. This approach is not intended to alter any relationship, legal or otherwise, that would have existed had the prescribed drawdown ratio been followed.

Cross-Cutting Authorities

DEQ has reviewed all DWSRF funded projects for compliance with the following Federal cross-cutting authorities: National Environmental Policy Act; National Historic Preservation Act; Archeological and Historic Preservation Act; Protection of Wetlands; Environmental Justice; Flood Plain Management; Farmland Protection Policy Act; Wild and Scenic Rivers Act (only in certain counties of Oklahoma); Endangered Species Act; Clean Air Act; Safe Drinking Water Act; Disadvantaged Business Enterprise Provisions; Equal Employment Opportunity Executive Order; Civil Rights Act of 1964; Section 13 of the Federal Water Pollution Control Act Amendments of 1972; Section 504 of the Rehabilitation Act of 1973; The Age Discrimination Act of 1975; Clean Water Act; Debarment and Suspension Executive Order; Environmental Justice Executive Order; Demonstration Cities and Metropolitan Development Act; Uniform Relocation Assistance and Real Property Acquisition Act; and Lobbying Disclosure Rules. The crosscutters are applied to all projects funded through DWSRF.

For SFY 2023, the DEQ negotiated the following Disadvantaged Business Enterprise/ goals with EPA Region 6, for the capitalization grant, as follows (Table 7):

Table 7 – DBE Procurement Activity

Total 2022 Procurements	MBE Goals	SFY 2023 MBE Actual		WBE Goals	SFY 2023 WBE Actual	
		Dollar Value	% of Procurement		Dollar Value	% of Procurement
\$65,475,760		\$25,000	0.038%		\$1,596,715.85	2.44%
Construction	11.25%	\$25,000	0.038%	7.41%	\$1,596,715.85	2.44%
Services	9.04%	\$0	0%	19.85%	\$0	0%
Supplies	16.15%	\$0	0%	16.43%	\$0	0%
Equipment	6.68%	\$0	0%	12.16%	\$0	0%
Overall DBE Procurements					2.48%	

The DWSRF Loan Program will continue to strive to meet these goals in the future. The DWSRF met 0% (zero percent) of the goals in the above categories for DBE as related to the set-aside portion of the grant for SFY 2023. Procurement is encouraged by the following: the list is kept and maintained by another state agency. The list is open to all vendors, including DBEs, so long as they provide the necessary information and documents to be considered for this list. All purchases for the state, or on behalf of the state, have to go through a solicitation process from the said list. DEQ sends out Vendor Information Requests yearly to suppliers that we use asking if they are a Minority Business Owner, Small Business, Female Owned Business, or Veteran Owned Business for our internal solicitations.

D. Prospective Loan Projects

During SFY 2023, forty-six (46) projects were added to the DWSRF PPL. Based on the original SFY 2023 IUP, the DWSRF PPL contained sixty (60) projects. Also, thirty-two (32) projects were removed from the PPL either by request or by receiving a binding commitment. All of these projects were on the planning portion of the list and are working to comply with DWSRF planning and design requirements. Twenty-one (21) of these projects received a binding commitment during SFY 2023. The remaining projects are at various stages in the planning process. The SFY 2023 IUP is included as Attachment 2.

During SFY 2023, environmental decisions were finalized for twenty-one (21) DWSRF projects. The breakdown of these decisions is as follows: sixteen (16) Categorical Exclusions (CATEXs); three (3) Environmental Assessments (EA)/Finding of No Significant Impacts (FONSI); and two (2) reviews and acceptance of EA/FONSIs. These environmental decisions were issued by the Northern Oklahoma Development authority (NODA), and Mareta Woodward, grant writer with Parkhill Engineering.

III. DWSRF Goals Attained

A. Project Accomplishments

The DWSRF loans made to projects during SFY 2023, detailed in Table 4, were specifically directed at achieving the goals (as listed) of the DWSRF program and were accomplished (in italics) as follows:

1. To assist public drinking water systems in maintaining the health objectives of the SDWA;
 - Assisted twenty-one (21) public drinking water systems in maintaining the health objectives of the SDWA by conducting monthly inspections of systems under construction and training sessions which included consulting engineers, system officials, and other agencies;
2. To rehabilitate or replace contaminated drinking water sources;
 - Initiated construction on zero (0) projects.
3. To install or upgrade treatment that improves the capability of public drinking water systems to comply with primary or secondary drinking water standards;
 - Initiated construction on two (2) projects.
4. To install or upgrade storage facilities to prevent contamination from entering the drinking water system;
 - Initiated construction on two (2) projects.
5. To install or replace transmission and distribution facilities to prevent contamination;
 - Initiated construction on seven (7) projects.
6. To assist in consolidation or interconnection of water supply systems to improve service;
 - Initiated construction on zero (0) project.
7. To assist public drinking water systems to ensure quality water at an affordable cost;
 - Initiated construction on twenty-one (21) projects.
8. To assist in acquisition of land needed to locate an eligible project from a willing seller who receives fair market value for the land;
 - Initiated construction on zero (0) projects.
9. To assist in costs of planning, design, and other related costs of eligible projects;
 - Initiated construction on seventeen (17) projects in which these costs were reimbursed.
10. To provide loans to assist public drinking water systems that are under enforcement actions in attaining compliance by established deadlines;
 - Initiated construction on two (2) projects.
11. To provide loans to assist public drinking water systems in eliminating drinking water deficiencies and to improve the quality of drinking water in the state;
 - Initiated construction on fourteen (14) projects.
12. To provide loans to assist public drinking water systems in constructing water facilities needed to maintain quality drinking water;
 - Initiated construction on twenty-one (21) projects.
13. To provide loans to assist public drinking water systems to provide affordable drinking water by building cost effective water treatment, storage, and distribution facilities. The interest rate of these loans shall be equal to 70% of Municipal Market Daily (MMD) AAA scale spot rates plus 0.40% to 0.76% to account for interest rate risk, where 0.40% is charged on the shortest maturities and 0.76% is charged on the longest maturities, calculated approximately ten days before loan closing, plus an additional 0.50% administrative fee.
 - Initiated construction on twenty-one (21) projects.

14. To provide at least fifteen percent (15%) of each DWSRF capitalization grant to assist small public drinking water systems to the extent that there are a sufficient number of eligible projects to fund.
 - Initiated construction on seventeen (17) projects that had a population of 10,000 or less. For SFY 2023, DWSRF provided 19 percent of assistance to small public drinking water systems. See Table 5, and the following paragraph, to see how we are proceeding with this goal.

All of the project accomplishments listed above were achieved in SFY 2023 as long as there were projects that met the criteria in the goal.

Please refer to page 12, Table 1, for total grants available for assistance and page 28, Table 5, for total percent of small systems funded since inception of DEQ's loan program.

DEQ funded systems whose projects were determined to be eligible and whose costs were eligible.

B. Program Accomplishments

The application and receipt of capitalization grant funding, the provision of state matching funds, and the proposition to provide low interest loans to eligible loan applicants are the specific efforts required to achieve the following goals of the DWSRF program:

1. To maintain the fiscal integrity of the DWSRF and to assure a continuous enhancement of the loan fund for future generations;
 - *The DWSRF program has been leveraged to meet the funding needs in the future. See Pages 45 & 46.*
2. To 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;
 - *The DWSRF program has been leveraged which will provide state matching funds for future grants. A bond issue was issued in May 2023, during SFY 2023. See Attachment 3.*
3. To assist the State in meeting its total drinking water funding needs by providing long-term, low-interest financing;
 - *Provided construction loan financing for systems through DWSRF loans provided to Oklahoma water systems. See Tables 4 and 5, and Attachments 4 and 5.*
4. To obtain maximum capitalization of the fund for the State in the shortest time possible;
 - *The DWSRF program has been leveraged to meet the funding needs in the future. See Attachment 3.*
5. To provide the necessary state matching funds prior to accepting capitalization grant payments for the FFY 2022 capitalization grant.

- *The state matching funds for the FFY 2022 base capitalization grant in the amount of \$1,987,000 were provided through the Series 2021 DWSRF Bond Issue. The state matching funds for the FFY 2022 BIL General Supplemental grant in the amount of \$2,550,800 were partially provided through the Series 2021 DWSRF Bond Issue in the amount of \$1,213,000 and through a transfer from the DWSRF Administrative Fund held outside the DWSRF in the amount of \$1,337,800, with the option to refund the Drinking Water Administrative Fund with bond proceeds. See page 27 and Attachments 4 and 5.*

All of the program accomplishments listed above were achieved in SFY 2023. Also, DEQ complied with general grant regulations.

Since we have more demand for funding than we can supply, another bond issue is planned for SFY 2024.

Short-term Goals for SFY 2023

1. Provide forty-six (46) loans to the forty-five (45) water systems listed on the Fundable Portion of the SFY 2023 Project Priority List (PPL). (Target Completion: June 2023)

Answer: The State closed twenty-one (21) loans to systems on the SFY 2023 Project Priority List. Please see Table 4 for a list of systems, including all pertinent information.

2. Apply for FFY 2023 capitalization grants. (Target Completion: April 2023)

Answer: DEQ applied for the 2023 capitalization grants on May 26, 2023.

3. Complete set-aside work plans specifying funds from the 2022 capitalization grants. (Target Completion: Within 90 days of grant award)

Answer: DEQ submitted set-aside work plans for the 2022 capitalization grants on December 5, 2022, and the deadline was December 20, 2022.

4. Use set-aside funds to implement Capacity Development Strategy. (Target Completion: June 2023)

Answer: Based on the information provided in completed source water assessments, DEQ has partnered with the ORWA to develop source water protection plans for small public water supplies. This project is funded via DWSRF set-asides and began work in SFY 2021. During SFY 2023, one (1) source water protection plan was completed by ORWA.

5. Use set-aside funds to provide technical assistance to systems to comply with LT2ESWTR, Stage 2 DBPR; RTCR; LCR, and GWR. (Target Completion: June 2023)

Answer: DEQ meets this goal. See pages 19, 20, and 24 for accomplishments.

6. Issue DWSRF Revenue Bonds in an estimated amount of \$145,000,000 to finance the additional demand for drinking water loan funds. (Target Completion: June 2023)

Answer: OWRB issued DWSRF Revenue Bonds in the amount of \$175,000,000 during this SFY.

7. Expend Capitalization Grant within two years of grant award.

Answer: The FFY 2020, 2021, and 2022 Capitalization Grants will be expended by June 30, 2024.

8. Promote and market the DWSRF program by giving presentations around the State. (Target Completion: June 2023)

Answer: DWSRF presented, or assisted at a booth, at thirteen (13) general conferences and eleven (11) LSLI training events during SFY 2023. OWRB presented/attended twenty (20) conferences during SFY 2023.

Long-term Goals

1. Maintain the fiscal integrity of the DWSRF and assure a continuous enhancement of the loan fund for future generations.

Answer: DEQ and OWRB work together to assure the long-term financial health of the loan fund through contracts and an annual audit. See Attachments 4 & 5.

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.

Answer: The perpetuity of the program can be found in Attachments 3 and 5.

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.

Answer: OWRB and DEQ leverage the program when needed for funding projects. See Attachment 5.

4. Obtain maximum capitalization of the fund for the State while generating sufficient investment and loan interest earnings to retire revenue bonds.

Answer: OWRB and DEQ decide on the loan terms and conditions for each borrower to optimize the fund. See Attachment 1.

5. Use set-aside funds along with DWSRF loans to maximize compliance and public health protection.

Answer: DEQ uses set-aside funds to ensure public health protection. OWRB and DEQ make loans to systems which need to come back into compliance or remain in compliance. See Attachments 1 and 2.

6. Promote technical, managerial, and financial capability of all public water supply systems.

Answer: OWRB and DEQ conduct financial analysis and overview of the ability of the borrower to run the system. See Attachments 1 and 6.

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.

Answer: OWRB and DEQ may offer subsidization in the form of principal forgiveness as encouragement to systems to consolidate or regionalize. See Attachment 1 and pages 3-9 of the annual report, under project descriptions.

8. Target public water supply projects with health-based violations to reduce the non-compliance rate.

Answer: During SFY 2023, OWRB and DEQ continued its effort to target public water systems with HBV, primarily DBPs. During this period, 2 out of 21 projects funded were systems with HBV. These systems received principal forgiveness (PF), both were funded at 100% PF.

9. Target the additional funds made available through the BIL to disadvantaged communities in accordance to EPA's memo of Implementation of DWSRF provisions from the BIL.

Answer: WQD created a new section entitled Capacity Development. It currently consists of a Program Manager and five (5) FTE positions. See pages 21, 22, 39, and 40.

All the long-term goals were achieved in SFY 2023 as discussed throughout this report.

Oklahoma provides a "disadvantaged community program" for systems wishing to receive financing for up to a 30-year loan (up to a 40-year loan for eligible communities subject to useful life of infrastructure). DEQ closed six (6) loans for a term between 20 and 30 years during SFY 2023.

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 outcome of the output goals listed below.

Output 1 – Provide forty-six (46) loans to the forty-five (45) water systems listed on the Fundable Portion of the SFY 2023 PPL. See Appendix B, of the SFY 2023 IUP, for a list of projects on the PPL.

Outcome:

The State closed loans to twenty-one (21) projects on the SFY 2023 PPL. See Table 4 for system names and amounts.

Output 2 – Enter into binding commitments with thirty-eight (38) small systems and seven (7) large systems for a total of forty-five (45) projects during SFY 2023. See Appendix B, of the SFY 2023 IUP, for a list of these systems and their population.

Outcome:

DEQ made binding commitments with twenty-one (21) systems on the SFY 2023 PPL. See Table 4 and Table 5 for system names and amounts. Of these systems, seventeen (17) were small systems, and four (4) were large systems.

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.

Output and Outcome

1. Assisting non-compliant systems to achieve compliance: 3 systems (Loyal PWA, Creek County RWD #2, and Temple UA)
2. Assisting compliant systems to maintain compliance: 15 systems (Checotah PWA (III), Stigler MIA, Waynoka UA, Custer City PWA, Alva UA (II), Hollis PWA, Geronimo PWA, Newkirk MA, Comanche County RWD #2, Buffalo PWA, Tonkawa MA, Lawton WA (V), Perry MA (II), Fort Cobb PWA, Wagoner County RWD #5 (V))
3. Assisting compliant systems to meet future requirements: 2 systems (Altus MA (III), and OCVUT (XI) (LSLI))
4. Other assistance not compliance related: 1 system (Carnegie PWA)

IV. Capacity Development Strategy Activities

The SDWA includes requirements for states to obtain authority to: (1) ensure that new systems have TMF capacity to provide safe and affordable drinking water for now and in the future; (2) ensure that all DWSRF loan recipients have sufficient TMF capacity prior to receiving loan funds (or that the loan funds will allow them to receive the capacity they require); and (3) develop a strategy to address the capacity of existing systems.

The Capacity Development Strategy document, which demonstrates that DEQ has the statutory authority to ensure that all proposed new water supply systems have TMF capabilities to provide safe and affordable drinking water, was initially submitted to EPA and was approved on July 6, 1999. DEQ revised the Capacity Development Strategy Document twice since inception of the programs: first in 2012, which updated regulatory citations and incorporated language to facilitate implementation of EPA's Sustainable Infrastructure initiative and expansion of future DWSRF grant funding, and again in 2020 to include training and development/implementation assistance for system asset

management plans. DEQ has the authority to review and approve all planning, design documents, and applications to construct and operate waterworks, as well as ensure that proper technical, managerial, and financial requirements are met during the life of the plant. DEQ jurisdiction over the “permit to construct process” is the main control point through which all public drinking water systems must be approved before construction can be initiated and drinking water supplied to the public.

The Capacity Development requirements for DWSRF loan recipients are attained via a multi-agency approach coordinated by the agency Capacity Development Section. All loan fund applicants are assessed for TMF capacity by the Capacity Development Section, who assists the applicants in developing policies, procedures, or making other changes to obtain and maintain appropriate capacity and sustainability.

Additional assistance is provided to applicants by the OWRB (managerial and financial capacity assistance), via technical assistance from DEQ permitting, inspection, and enforcement staff, and via assistance from 3rd-party providers. All loan applicants that had projects listed on the PPL have received technical assistance and have been thoroughly reviewed to ensure that they are fully capable of operating and maintaining a public water supply system.

The WQD maintains a complete inventory of all public water supply systems, monitoring data, and records of violations. PWS with actual or potential problems are targeted to receive TMF capacity assistance, increased monitoring, and/or legal oversight to ensure that the problem does not continue or increase to the point that public health is threatened.

DEQ’s Existing System Capacity Development program was approved by EPA Region 6 on August 25, 2000. DEQ submitted the 2022 annual report to EPA in September 2022. DEQ will submit the 2023 report within 90 days of the close of the fiscal year. See Attachment 6 for a copy of the 2022 report.

V. Operator Certification Activities

The SDWA directs the Administrator of EPA, in cooperation with the States, to specify minimum requirements for certification of operators of community and non-transient non-community water systems. EPA’s final guidelines were published on February 5, 1999. States had two years from this date to adopt and implement an operator certification program that complies with EPA’s guidelines.

DEQ currently has an operator certification program that requires certification of operators for community water systems. DEQ has amended Oklahoma's rules related to operator certification to ensure that the program complies with EPA's final guidelines, including required certification of non-transient non-community system operators. DEQ submitted documentation of the revised operator certification program to EPA in August 2000. EPA approved the program in March 2001. The DWSRF grant application does not specify funds for the Operator Certification program.

VI. EPA Automated Standard Application for Payments (ASAP) Payment

In lieu of depositing federal capitalization grant funds directly into the DWSRF, the federal government has implemented the Automated Standard Application for Payments (ASAP) system. The ASAP system is a federal cash management tool that allows the state to draw down the capitalization grant funds only when eligible costs are actually incurred. The ASAP system was developed by the U.S. Office of Management and Budget to improve cash management of federal payments. Since federal cash payments to the state cannot be made until costs are incurred, this procedure eliminates any potential interest earnings between the time the capitalization grant was awarded and the time the funds were utilized (loaned). The 20 percent state match is placed into the DWSRF prior to receiving federal grant payments.

VII. Interest Rates/State Financing Plan

The SDWA places certain federal requirements on projects that receive assistance from the DWSRF. These federal requirements include “cross-cutting” federal laws and authorities. Loans below market rate are necessary to create program incentives to comply with the federal cross-cutting measures and to reduce the cost of compliance with the SDWA. Federal cross-cutting laws and authorities will continue to be a requirement for all DWSRF projects utilizing federal capitalization grant funds and state matching funds.

The Oklahoma DWSRF financing plan objective is to provide (1) a pool of funds to meet program demand, which is well above that anticipated to be available directly from the DWSRF, (2) below market interest rate loans which provide program incentives for Oklahoma water supply systems to become compliant with the federal SDWA, (3) flexibility/perpetuity of the DWSRF, and (4) a strategy to assist small water systems. To meet the program objectives of the DWSRF program in an efficient and cost-effective manner, the Oklahoma DWSRF financing plan consists of the following:

The DWSRF program may provide up to 40-year loan terms that are only available to eligible disadvantaged communities and subject to the useful life of infrastructure to be constructed. The loan bears a fixed interest rate. Loans require an interest and administrative fee to be paid semi-annually as funds are drawn. Occasionally, principal re-payments may begin prior to construction completion based on each borrower’s promissory note. Once construction is completed, loans require that principal, interest and administration fee are paid monthly to a local trustee until the loan is paid off. The DWSRF provides loans for both small and large public drinking water systems at an interest rate equal to 70% of the AAA Municipal Market Daily (MMD) rate plus 40-76 basis points depending on the loan term. An administration fee of 0.5% is added.

VIII. Current and Five-Year Projection of Water Needs

As a result of the efforts by DEQ and OWRB to establish a "lower than market rate" loan program, several water supply systems have responded favorably by requesting that their projects be added to the DEQ DWSRF five (5) year PPL. The DEQ PPL for SFY 2023 contained the current year's needs plus anticipated needs for the next five years. The SFY 2023 PPL reflected a cumulative demand of \$1,010,991,295.40 over the next five years. The SFY 2023 PPL is included as Appendix B to the SFY 2023 IUP. The SFY 2023 IUP is in Attachment 2 of this annual report. For revisions to the IUP, please see Attachment 12.

For SFY 2023, forty-six (46) projects were identified on the PPL as being potentially ready to proceed with financing and were identified in the SFY 2023 IUP. All projects are ranked in accordance with the DEQ priority ranking system. The DWSRF PPL and IUP are adjusted periodically to reflect changes in project status, new requests, and available funds. The sources of funds necessary to finance SFY 2023 loan requests include FFY 1997 through 2022 federal capitalization grants, state match, principal and interest payments on outstanding loans, investment earnings, and leveraged bonds. For SFY 2023, a complete breakout of the sources of funds is included in Table 1 of the IUP (included as Attachment 2) and a final version can be found in Attachment 7 of this report. It is anticipated that future federal appropriations for capitalization grants requiring state matching funds will continue through the year 2024.

IX. Ten- and Twenty-Year Projection of DWSRF Needs

Oklahoma has approximately 760 operational public water treatment facilities and distribution systems that are eligible for DWSRF assistance. Most treatment facilities were originally designed with a 20-year design life, whereas, the design life of a distribution system is normally 40 years. Based on these facts, it is reasonable to assume that 5% of all public water treatment facilities and 2.5% of all distribution systems will need to be replaced or rehabilitated each year. Additional annual needs will occur as a result of poor operation and maintenance.

The most current estimate of water infrastructure needs conducted by EPA reflects total public water supply system needs for the entire nation of greater than \$625.0 billion. This current estimate takes into consideration all drinking water needs for the next 20 years. This estimate is from EPA's 2021 Needs Survey and Assessment. The current state estimate of needs does not forecast ten-year needs nor does the state currently have a way of estimating public drinking water needs for the next ten years. The 2021 Needs Survey results was published on EPA's website and in the September 2023 Seventh Report to Congress. For Oklahoma, the 2023 Needs Survey results showed an increase in percentage of needs from 1.42% (in 2015) to 1.45%. This state percentage, utilizing the results of the 2021 Needs Assessment, will be in effect for allocating DWSRF program

funds for fiscal years 2023 through 2027 appropriations. The 2025 Drinking Water Infrastructure Needs Survey Assessment data collection will begin in 2025.

X. Detailed Financial Report

During SFY 2023, DEQ used the 2020, 2021, and 2022 capitalization grants to fund set-aside activities and DWSRF loans. DEQ entered into a contract for the 24th annual financial and compliance audit of the DWSRF program for SFY 2023 which will be performed during SFY 2024. The audited financial statements can be found in Attachment 6.

Audited financial statements for the Oklahoma Drinking Water Treatment Loan Administrative Fund for SFY 2023 are included as Attachment 4.

XI. Cross-Collateralization of the DWSRF and Clean Water State Revolving Fund (CWSRF)

The Master Trust Agreement dated as of October 1, 2003, provides a bond structure that allows for cross-collateralization of the CWSRF and the DWSRF in order to provide additional bond security and ratings enhancement for both programs. With cross-collateralization, excess CWSRF revenues (revenues pledged to repayment of CWSRF bonds over and above what is needed to make actual debt service payments) would be available to cure any DWSRF bond payment default or reserve fund deficiency. Likewise, excess DWSRF revenues would be available to cure any CWSRF bond payment default or reserve fund deficiency. Pursuant to federal regulations, cross-collateralization support cannot extend to debt specifically issued for the purpose of providing state matching funds. The Master Trust Agreement provides adequate safeguards to ensure that future CWSRF or DWSRF bond issues will comply with this limitation.

A new Master Trust Indenture was created on December 1, 2019 for the DWSRF and CWSRF bond programs. The indenture makes some technology changes to the document, modifies the flow of funds, includes changes implemented in tax law, and moves the bonds from a reserve fund model to cash flow model. In the new indenture, the loans are pledged to the specific program and not to individual bond issues; therefore, all the funds are available to pay the bonds in the specific programs. As bonds are defeased or refunded in the 2003 Master Trust Agreement, any outstanding loans will be moved to the 2019 Master Trust Indenture and the funds will be used to pay the 2019 outstanding bonds. The cross- collateralization and security between the two programs has not changed.

XII. Transfer Authority Between Drinking Water and Clean Water SRFs

In accordance with the SDWA SRF funds transfer provisions (Section 302), Oklahoma reserved the authority to transfer funds between the DWSRF and CWSRF in order to assure adequate capacity to meet funding demands for both programs.

The OWRB had previously reserved the authority to transfer up to 33% of the DWSRF capitalization grants. The total amount of transfers from CWSRF to DWSRF is \$47,992,182 leaving \$40,656,180 available to transfer through the FFY 2022 capitalization grant. No transfers were made during SFY 2023.

XIII. DWSRF Program Changes

In future years, 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 future capitalization grants. DEQ and OWRB remain committed to achieving the goals of the SDWA by providing the greatest amount of low-interest financing to the greatest number of borrowers possible. The structure and size of the Revenue Bond issue will be designed to minimize the impact of program changes on local borrowers and maintain the DWSRF Program as a permanent and perpetual source of financing.

The following table includes the current outstanding DWSRF Bond Issues:

Outstanding OWRB Obligations

<u>Issue</u>	<u>Issue Amount</u>	<u>Issue Date</u>	<u>Final Maturity</u>	<u>Outstanding Balance (June 30, 2023) Total</u>
Series 2013B DW*	\$35,505,000	9/19/2013	4/1/2025	\$2,260,000
Series 2016 DW	\$90,000,000	10/19/2016	4/1/2041	\$84,500,000
Series 2018 DW	\$80,055,000	3/22/2018	4/1/2038	\$52,325,000
Series 2019 DW**	\$28,210,000	12/19/2019	4/1/2042	\$26,490,000
Series 2020 DW	\$95,000,000	10/22/2020	4/1/2040	\$87,895,000
Series 2021 DW	\$199,000,000	12/22/2021	4/1/2051	\$196,325,000
Series 2023A DW	<u>\$175,000,000</u>	5/18/2023	4/1/2051	<u>\$175,000,000</u>
	\$702,770,000			\$624,795,000

* Refunding of the 2003 DW Series

***Refunding of the 2011 and 2012 CW/DW Series - Total issue was \$154,420,000 for CW/DW combined
Issues starting with Series 2019 were issued under the 2019 Master Trust Indenture, all others were issued under the 2003 Master Trust Indenture

**DRINKING WATER
STATE REVOLVING FUND
INTERAGENCY AGREEMENT
BETWEEN
THE
OKLAHOMA WATER RESOURCES BOARD
AND
THE DEPARTMENT OF
ENVIRONMENTAL QUALITY**



**OKLAHOMA
Environmental
Quality**



**OKLAHOMA
Water Resources Board**

State FY 2023
(From July 1, 2022, Through June 30, 2023)

DRINKING WATER STATE REVOLVING FUND

DEQ/OWRB Interagency Agreement

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SECTION I: INTRODUCTION AND PURPOSE

The 1996 amendments to the Safe Drinking Water Act (P.L. 104-182)(SDWA) authorize a Drinking Water State Revolving Fund (DWSRF) program to assist public water systems to finance the costs of infrastructure needed to achieve or maintain compliance with SDWA requirements and to protect public health. Section 1452 of the SDWA authorizes the Administrator of the U.S. Environmental Protection Agency (EPA) to award capitalization grants to states, which in turn can provide low cost loans and other types of assistance to eligible systems.

Title 82 of Oklahoma Statutes, Section 1085.71 et seq., establishes the DWSRF to implement portions of the federal SDWA. Sections 1085.71 through 1085.84A establish the duties of the Oklahoma Water Resources Board (OWRB) and the Department of Environmental Quality (DEQ). This Interagency Agreement shall constitute the joint operating agreement between DEQ and OWRB required by section 1085.82 and shall further clarify the duties and roles of each agency by establishing procedures to ensure compliance with state and federal laws.

SECTION II: DWSRF CAPITALIZATION GRANT(S)

The DWSRF Capitalization Grant Agreement between the State of Oklahoma, by and through its authorized agency and the EPA, consists of the Grant Application(s), Intended Use Plan (IUP), and Operating Agreement between DEQ and EPA.

- The DEQ has the responsibility to make application for, enter into and be recipient of the capitalization grant(s) from the EPA.
- DEQ shall prepare an IUP with the cooperation of OWRB, including amendments, for submittal to EPA. The amount of the capitalization grant to be utilized for administrative costs will be identified in the IUP. OWRB will prepare and submit to DEQ, prior to the beginning of each state fiscal year, an annual budget that reflects the anticipated administrative expenses of OWRB for the DWSRF program for the upcoming state fiscal year.
- DEQ and OWRB will jointly prepare the Operating Agreement and, as necessary, annual updates. DEQ will submit the documents to EPA.
- DEQ and OWRB jointly covenant that, to the extent the OWRB has agreed to apply any DWSRF Capitalization Grant funds in connection with the issuance of any DWSRF Revenue Bonds or other series bonds on a parity therewith (issued pursuant to a Master Trust Agreement by and between the OWRB and its Trustee Bank and dated as of October 1, 2003, as amended by the Master Trust Indenture dated December 1, 2019, and including all bond series indentures and any superseding master indenture; collectively referred to as the "DWSRF Revenue Bonds"), such funds shall be drawn as rapidly as is permissible under law, rules and regulations applicable to the DWSRF Program and the DWSRF Capitalization Grants, provided however, that this covenant is understood by DEQ and the OWRB to only apply to those portions of the Capitalization Grant funds permitted to be used to make DWSRF loans. The DEQ and the OWRB further covenant to take all actions required to comply with the terms and conditions of

the DWSRF Capitalization Grants and not omit to take any action if such omission would result in noncompliance with any term or condition of the

DWSRF Capitalization Grant Agreement(s). The agreements of DEQ and OWRB in this paragraph shall survive the expiration or other termination of this SFY 2023 Agreement and, if a new Interagency Agreement is entered into for subsequent fiscal years, identical language shall be included in each such Interagency Agreement until such time as all obligations under this paragraph are satisfied. The provisions of this paragraph are for the benefit of the Trustee Bank for the DWSRF Revenue Bonds and may be directly enforced by said Trustee Bank.

SECTION III: ANNUAL JOINT REPORT TO THE GOVERNOR AND LEGISLATURE

DEQ and OWRB will coordinate the preparation of an Annual Joint Report for submittal to the Governor, the Speaker of the House of Representatives, and the President Pro Tempore of the Senate. Submission of the Annual Joint Report will be within 120 days of the end of each fiscal year.

SECTION IV: ANNUAL REPORT

DEQ and OWRB will coordinate the preparation of an annual report for submittal to EPA according to the schedule identified in the capitalization grant. The Annual Joint Report to the Governor and Legislature described in Section III herein may also be prepared by DEQ and OWRB to meet the biennial reporting requirements of EPA.

SECTION V: LOAN APPLICATION

OWRB will accept DWSRF loan applications from those projects identified in the fundable portion of the project priority list in the current IUP. Upon receipt of a loan application and design documents, DEQ and OWRB will review documents for completeness. If the loan application is incomplete, OWRB will notify the applicant of the deficiencies.

OWRB will review the loan application to determine whether the applicant's financial, legal, and managerial capabilities are sufficient to ensure repayment of a loan from the DWSRF.

DEQ will review the priority ranking request, planning, design, and related application documents for compliance with the applicable requirements of Part E, Section 1452 of the SDWA, and other applicable federal and state requirements. If DEQ cannot certify planning and design documents, it will advise the applicant and OWRB of the reason(s) for rejection. If OWRB cannot approve an application for financial assistance, OWRB will notify the applicant and DEQ of the reason(s) for rejection.

DEQ will maintain the official engineering and technical project files. OWRB will maintain the official financial review files.

DEQ will review all project planning documents and make a determination of the eligibility of the scope of the project.

DEQ will review project design documents to assure uniformity with planning documents for compliance with state and federal requirements.

DEQ will provide written documentation to OWRB indicating that the project has received appropriate planning and design approvals from DEQ.

OWRB agrees that a project loan will not be approved without appropriate planning and design approvals from DEQ, except as provided for under Section VI herein.

SECTION VI: BINDING COMMITMENT

Upon approval of an Engineering Report, an environmental decision, plans and specifications, and issuance of a "Permit to Construct" by DEQ, and approval of the loan application and issuance of a Board Order by OWRB, DEQ will issue a binding commitment of loan funds for the planning, design, and/or construction of the drinking water project. This binding commitment may contain those conditions deemed necessary by DEQ and OWRB. A binding commitment may be issued by DEQ prior to plans and/or specifications approval in cases where both DEQ and OWRB agree that it would be advantageous to the loan applicant and/or the DWSRF, or where DEQ and OWRB want to make a loan for planning and/or design. In the event that either DEQ or OWRB believe it would be advantageous to the loan applicant and/or the DWSRF (or in the event that either DEQ or OWRB want to make a loan for planning and/or design), each agency agrees to notify the other agency that it has determined that such a binding commitment is warranted prior to the approval of the plans and specifications. DEQ and OWRB agree that the agency receiving the notification has a duty to inform the other agency as to whether it agrees that such binding commitment is warranted within fourteen (14) days. Binding commitments will expire if the recipients have not closed on a DWSRF loan within one year of the date of the OWRB order approving the loan. However, the binding commitment may be extended if mutually agreed to by DEQ, OWRB, and the recipient.

SECTION VII: BIDDING AND CONTRACT DOCUMENTS

DEQ will review project bidding documents for compliance with state and federal requirements following bid opening. Upon authorization by DEQ, each loan recipient shall execute the construction contract and submit one copy of same, with related documents, to DEQ for review and concurrence that contract award is consistent with approved bidding documents.

DEQ will maintain a copy of all approved bidding and contract documents for the term of the loan. Upon request, DEQ will provide OWRB with a copy of the bidding and contract documents approval letter(s).

For projects seeking an alternative project delivery method, DEQ will ensure the procurement process for federally funded projects is followed. DEQ will also review requests for qualifications and proposals from engineer/contractor quality based services, contracts, and sub-contractor bidding documents.

SECTION VIII: LOAN CLOSING

Following approval of all bidding documents by DEQ, OWRB will coordinate, prepare for and schedule a loan closing which will include all applicable loan documents. DEQ may review preliminary loan documents and provide loan conditions that DEQ deems necessary to ensure

compliance with any local, state, or federal requirements. In addition, DEQ will, prior to loan closing, provide OWRB with the following:

- Written documentation that DEQ has completed their review of the technical documents and that the project is available for loan closing.
- A detailed project budget which limits the contingency to 5% of the contracted amounts.
- A detailed project schedule that has been coordinated with federal and/or state enforcement officials.
- Special condition(s) required by DEQ, if any.

The OWRB will maintain the loan closing documents (Transcript of Proceedings). A copy of each executed loan agreement and promissory note will be provided to DEQ.

SECTION IX: CHANGE ORDERS AND CONSTRUCTION RELATED DOCUMENTS

Change orders and construction related documents will be submitted by the recipients to DEQ for review. When change orders that will not exceed the loan contingency amount are submitted, DEQ may modify the project budget and notify OWRB of the determination (approval/denial) at the same time the recipient is notified.

If a change order will exceed the loan contingency amount or the loan project period, DEQ will notify OWRB before taking any action on the change order, and both agencies will work together to reach an agreement on the appropriate action to be taken.

SECTION X: INSPECTION OF PROJECT, BOOKS, AND RECORDS

At any time during normal business hours, the DEQ may inspect any and all projects, any and all incidental works, areas, facilities and premises otherwise pertaining to the project for which application is made. From the time of receipt of the pre-application, throughout all stages of construction, and at any other time while any assistance from the DWSRF Program recipient is outstanding, DEQ and the OWRB, in addition to the inspections by DEQ solely, agree that they both may inspect any and all projects, any and all incidental works, areas, facilities and premises otherwise pertaining to the project for which application is made. DEQ and OWRB further may inspect any and all books, accounts, records, contracts, or other instruments, documents, or information possessed by recipient or its contractors, agents, employees, or representatives which relate in any respect to the receipt, deposit, and/or expenditure of DWSRF assistance funds.

Upon substantial construction completion and initiation of operation of the project, DEQ will receive from the applicant a certification regarding the construction completion date and recovery of unexpended loan funds. The certification will be forwarded to OWRB at which time OWRB will de-obligate any unpaid loan proceeds. At the time specified by loan documents, OWRB shall provide a final amortization for the loan proceeds drawn.

SECTION XI: LOAN DISBURSEMENT

After loan closing, DEQ shall have authority to approve the disbursement of loan proceeds. OWRB shall have the authority to then release the funds.

Requests for loan disbursements and budget revisions will be submitted to DEQ from the loan recipients based upon actual project costs incurred. Both OWRB and DEQ agree to establish and maintain a loan disbursement procedure that will minimize the time a borrower has to wait on loan disbursements.

SECTION XII: LOAN TERMINATION

If at any time DEQ and OWRB determine that there is cause to believe the project may not be completed or undertaken according to the terms of the loan agreement and applicable statutes and rules, DEQ and OWRB will issue the recipient a letter requiring specific action to be undertaken within a specified time period to assure timely completion of the project or otherwise to assure remedy of the defect(s). Failure to complete the specific action within the specified time period may result in withholding disbursements or loan default, as provided in the loan agreement between the recipient and OWRB. However, DEQ and OWRB will work with the recipient in an effort to avoid termination of the loan commitment or loan default.

SECTION XIII: RETURN OF FUNDS TO THE DWSRF

DEQ agrees that financial assistance funds made available to a recipient by the DWSRF shall be utilized and expended by the recipient solely and exclusively for the payment of authorized and allowable costs and expenses of the project for which assistance was approved. In the event funds furnished to a recipient by the DWSRF are not utilized and expended by the recipient for the specified project as indicated in each loan agreement, DEQ will notify the recipient who shall return or otherwise pay to OWRB, for deposit in the DWSRF, any and all such unused funds or any amounts of funds used and expended for unauthorized purposes plus a market rate of interest on the unused or unauthorized amount.

SECTION XIV: ADMINISTRATIVE COSTS

Money made available as a result of the capitalization grant administrative set aside may be used for reasonable costs of administering the DWSRF Program, provided that the amount does not exceed four percent (4%) of all EPA grant awards received by the DWSRF.

Disbursement requests for incurred administrative costs from the DWSRF shall be paid 100% (no state match) from the administrative set aside. Payment of administrative funds from the capitalization grant will be in accordance with this Interagency Agreement, grant conditions, and the EPA Operating Agreement.

OWRB will maintain an administrative fund as established by 82 O.S. 2011, Section 1085.84A, the Master Trust Agreement dated October 1, 2003, the Master Trust Indenture dated December 1, 2019, and supplements thereof outside the DWSRF. Monies to be deposited into the Drinking Water Treatment Loan Administrative Fund (OWRB Account Number 444-835) include loan application fees, program income from administrative fees assessed as established in individual

loan agreements, and interest earnings from administrative fund investments. Monies in this fund will be utilized solely for the purpose of reimbursing actual and eligible expenditures by OWRB and DEQ identified in the annual Interagency Agreement for the administration of the DWSRF Program. Monies in this fund may be invested and maintained by the Office of the State Treasurer in accordance with applicable state law. OWRB will be responsible for processing requests for reimbursement from this fund and will provide an annual accounting of the administrative funds.

The division of the available funds for the administration of the program will be negotiated annually by OWRB and DEQ prior to finalizing agency fiscal budgets.

DWSRF Administrative Set Aside

DEQ and OWRB agree that sufficient funds will be made available to pay for program administrative costs as a result of the 4% administrative set aside from the DWSRF capitalization grants. All costs billed for SFY 2023 from the 4% administrative set aside shall not exceed the proposed DWSRF total administrative budget for each agency, as shown below.

SFY 2023 Proposed DWSRF 4% Administration Budget		
	OWRB	DEQ
Salary	\$74,043.61	\$90,746.00
Indirect Costs ¹	\$50,919.79	\$35,161.00
Fringe Benefits ¹	\$55,036.60	\$39,625.00
Equipment/Supplies	\$ 0.00	\$3,590
Contractual	\$ 0.00	\$38,500.00
Travel/Training/Other	\$ 0.00	\$9,778
TOTALS	\$180,000.00	\$217,400.00

Note 1. Indirect Costs and Fringe Benefits

Payments to DEQ: The rate of indirect costs and fringe benefits utilized in the above budget estimates for DEQ are from the DEQ State FY 2023 Indirect Cost Proposal that has been approved by EPA. DEQ is attaching the State FY 2023 Indirect Cost Proposal from EPA to this agreement.

Payments to OWRB: The rate of indirect costs utilized in the above budget estimates for OWRB is from the latest A-87 EPA/State negotiated Indirect Cost Agreement that will become effective July 1, 2022.

Drinking Water Treatment Loan Administrative Fund (DWTLAF)

DEQ and OWRB agree that funds in the Drinking Water Treatment Loan Administrative Fund as allowable will be available for DWSRF administrative purposes and may be utilized to pay for the following OWRB and DEQ DWSRF expenses not paid from the 4% capitalization grant set aside including as necessary, the state match for DWSRF capitalization grants:

Proposed Budget*

Costs Classifications	OWRB
Salary	\$308,600.00
Indirect Costs	\$212,224.22
Fringe Benefits	\$229,382.38
Equipment/Supplies/Memberships/Publications	\$102,940
Professional Services	\$299,375
Travel/Training	\$45,540.50
Trustee Fees	\$52,054.34
Total from Loan Administrative Fund	\$1,250,116.44

SECTION XV: LOAN REPAYMENT

Payment of principal, interest, and administrative fees on loans shall be made to OWRB as provided in the loan documents. Such repayments will be deposited in the appropriate DWSRF funds.

OWRB will be responsible for the collection of delinquent interest and principal payments, and the maintenance of the record of collection actions taken. In the event of default, OWRB will utilize all available means to remedy the default.

SECTION XVI: INTEREST RATE DETERMINATION/FINANCING PLAN

All loans from the DWSRF will be made at or below market interest rates, which may include interest-free loans. OWRB and DEQ will jointly agree on an annual financing plan as set forth in the Drinking Water IUP.

SECTION XVII: ANNUAL AUDIT

The State is required to conduct an annual independent financial audit and an annual independent compliance audit of its DWSRF program, including set-aside programs. These audits will be in accordance with generally accepted government auditing standards issued by the Comptroller General of the United States.

The OWRB will maintain accounting records for the DWSRF loan account. These records will be maintained in accordance with generally accepted accounting practices.

The DEQ will contract with an independent auditor annually to perform a financial audit in accordance with generally accepted governmental auditing standards which are defined, but not limited to those contained in the U.S. General Accounting Office (GAO) publication Governmental Audit Standards, as revised. The audit report will contain an opinion on the financial statements of the DWSRF and set-aside programs. DEQ will arrange for the audit to be completed within three (3) months of the end of the State fiscal year (June 30) at which time a copy will be provided to the OWRB.

The OWRB agrees to make all DWSRF financial records available to the DEQ and/or the auditors selected by DEQ. In addition, OWRB agrees to review draft audit reports and respond to DEQ regarding any audit findings.

SECTION XVIII: COOPERATION AND INFORMATION EXCHANGE

DEQ and OWRB jointly recognize that the successful implementation and management of the DWSRF Program requires close cooperation and an open exchange of information between the two agencies. In this regard, the agencies will cooperate in the development of rules and policies relating to the DWSRF Program and will freely share information concerning loan recipients and project status. The agencies will copy each other on all project related correspondence sent to applicants and loan recipients in the DWSRF Program.

DEQ and OWRB additionally recognize the fact that program development and management will require continuous communication and coordination. To this end the Director of the Water Quality Division, DEQ, or designee and the Chief of the Financial Assistance Division, OWRB, or designee are designated as the contact persons for their respective agencies.

SECTION XIX: FORCE MAJEURE

DEQ and OWRB shall take reasonable efforts to minimize any delays and will perform the requirements of this Interagency Agreement within the approved schedule unless performance is prevented or delayed by events, which constitute a Force Majeure. "Force Majeure," for purposes of this Agreement, is defined as any event arising from causes beyond the reasonable control of the DEQ or OWRB or their contractors or subcontractors which delays or prevents the performance of any obligation under this Agreement, such as, without limitation, acts of God; vandalism; fire; flood; labor disputes or strikes; weather conditions which would prevent or impair construction activities; civil disorder or unrest. Force Majeure events do not include increased costs of performance of the tasks agreed to by the Parties or changed economic circumstances. DEQ or OWRB shall notify the other in writing within fifteen (15) days after DEQ or OWRB knew or should have known of a Force Majeure event that will cause a delay or anticipated delay in achieving compliance with any requirement of the Interagency Agreement.

SECTION XX: AMENDMENTS; EFFECTIVE TERM


This Interagency Agreement may be amended annually prior to the beginning of the state's fiscal year or at any other mutually agreeable time to incorporate program changes and annual agency program budgets.

This agreement shall be in full force and effect from July 1, 2022, to June 30, 2023.

Department of Environmental Quality

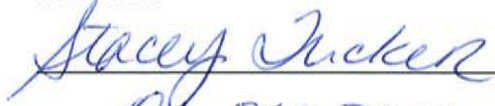
Oklahoma Water Resources Board



Catherine Sharp
Director of Administrative Services


Matt Muller
Chairman

ATTEST:

ATTEST:


Date: 08-24-2022


Secretary
Date: 08/21/2022

ATTACHMENTS

- OWRB Indirect Cost Agreement
- DEQ Indirect Cost Agreement





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460
COGNIZANT AGENCY
NEGOTIATION AGREEMENT

Page 1 of 2

Oklahoma Water Resources Board
Oklahoma City, OK

Date: June 1, 2022

Filing Ref: June 1, 2021

The indirect cost rates contained herein are for use on grants and contracts with the Federal Government to which 2 CFR Part 200 applies, subject to the limitations contained in the Circular and in Section II, A below.

SECTION I: RATES

<u>Type</u>	<u>Effective Period</u>		<u>Rate</u>	<u>Base</u>	<u>Applicable To</u>
	<u>From</u>	<u>To</u>			
<u>Fixed Carryforward:</u>					
Fringe Benefits	7/1/2022	6/30/2023	62.98%	(a)	All Programs
Indirect Costs	7/1/2022	6/30/2023	68.69%	(a)	All Programs

Basis for Application

(a) Direct salaries and wages. To determine the amount of indirect costs to be billed, direct salaries and wages should be summed and multiplied by the rate. All other programs costs should be eliminated from the calculation.

Treatment of Fringe Benefits: FICA, Retirement, Health Insurance, Unemployment Compensation, Longevity Pay and Leave (Annual, Sick and Administrative applicable to direct salaries are included in the fringe benefit rate.

SECTION II: GENERAL

A. **LIMITATIONS:** The rates in this Agreement are subject to any statutory and administrative limitations and apply to a given grant, contract or other agreement only to the extent that funds are available. Acceptance of the rates is subject to the following conditions: (1) Only costs incurred by the department/agency or allocated to the department/agency by an approved cost allocation plan were included in the indirect cost pool as finally accepted; such costs are legal obligations of the department/agency and are allowable under governing cost principles; (2) The same costs that have been treated as indirect costs have not been claimed as direct costs; (3) Similar types of costs have been accorded consistent accounting treatment; and (4) The information provided by the department/agency which was used to establish the rates is not later found to be materially incomplete or inaccurate by the Federal Government. In such situations the rate(s) would be subject to renegotiation at the discretion of the Federal Government.

- B. CHANGES. The fixed rate contained in this agreement is based on the organizational structure and the accounting system in effect at the time the proposal was submitted. Changes in the organizational structure or changes in the method of accounting for costs which affect the amount of reimbursement resulting from use of the rate in this agreement, require the prior approval of the authorized representative of the responsible negotiation agency. Failure to obtain such approval may result in subsequent audit disallowances.
- C. THE FIXED RATE contained in this agreement is based on an estimate of the cost which will be incurred during the period for which the rate applies. When the actual costs for such a period have been determined, an adjustment will be made in the negotiation following such determination to compensate for the difference between the cost used to establish the fixed rate and that which would have been used were the actual costs known at the time.
- D. NOTIFICATION TO FEDERAL AGENCIES: Copies of this document may be provided to other Federal agencies as a means of notifying them of the agreement contained herein.
- E. SPECIAL REMARKS: Please confirm your acceptance of the terms of the indirect cost rate agreement by signing and returning this letter to me. Please retain a copy for your records.

ACCEPTANCE

The undersigned official warrants that he/she has the proper authority to execute this agreement on the behalf of the State Agency:

By the Federal Agency:


Julie Cunningham (Jun 4, 2022 11:26 AM)

(Signature)

Julie Cunningham

(Name)

Executive Director

(Title)

Oklahoma Water Resources Board

(Agency)

06/04/2022

(Date)

JACQUELINE
SMITH

Digitally signed by JACQUELINE
SMITH
Date: 2022.06.01 10:41:11 -04'00'

(Signature)

National Policy, Training and
Compliance Division
U.S. Environmental Protection Agency

Negotiated by: Jacqueline Smith
Telephone: (202) 564-5055



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460
COGNIZANT AGENCY
NEGOTIATION AGREEMENT

Page 1 of 2

Oklahoma Department of
Environmental Quality
Oklahoma City, Oklahoma

Date: November 8, 2021
Filing Ref: October 26, 2020

The indirect cost rate contained herein is for use on grants and contracts with the Federal Government to which 2 CFR Part 200 applies, for fiscal years beginning on or after December 26, 2014 subject to the limitations in Section II.A. of this agreement. Applicable OMB Circulars and regulations will continue to apply to federal funds awarded prior to December 26, 2014.

SECTION I: RATES

<u>Type</u>	<u>Effective Period</u>		<u>Rate</u>	<u>Base</u>	<u>Locations</u>	<u>Applicable To</u>
	<u>From</u>	<u>To</u>				
<u>Fixed:</u> Indirect	7/1/2022	6/30/2023	26.97%	(a)	All	All Programs

Basis for Application

(a) Direct salaries and wages plus applicable fringe benefits.

Treatment of Fringe Benefits: Fringe benefits applicable to direct salaries and wages are treated as direct costs.

SECTION II: GENERAL

- A. **LIMITATIONS:** The rates in this Agreement are subject to any statutory and administrative limitations and apply to a given grant, contract or other agreement only to the extent that funds are available. Acceptance of the rates is subject to the following conditions: (1) Only costs incurred by the department/agency or allocated to the department/agency by an approved cost allocation plan were included in the indirect cost pool as finally accepted; such costs are legal obligations of the department/agency and are allowable under governing cost principles; (2) The same costs that have been treated as indirect costs have not been claimed as direct costs; (3) Similar types of costs have been accorded consistent accounting treatment; and (4) The information provided by the department/agency which was used to establish the rates is not later found to be materially incomplete or inaccurate by the Federal Government. In such situations the rate(s) would be subject to renegotiation at the discretion of the Federal Government.
- B. **CHANGES.** The fixed rate contained in this agreement is based on the organizational structure and the accounting system in effect at the time the proposal was submitted. Changes in the organizational structure or changes in the method of accounting

for costs, which affect the amount of reimbursement resulting from use of the rate in this agreement, require the prior approval of the authorized representative of the responsible negotiation agency. Failure to obtain such approval may result in subsequent audit disallowances.

C. THE FIXED RATE contained in this agreement is based on an estimate of the cost which will be incurred during the period for which the rate applies. When the actual costs for such a period have been determined, an adjustment will be made in the negotiation following such determination to compensate for the difference between the cost used to establish the fixed rate and that which would have been used were the actual costs known at the time.

D. NOTIFICATION TO FEDERAL AGENCIES: Copies of this document may be provided to other Federal agencies as a means of notifying them of the agreement contained herein.

E. SPECIAL REMARKS: Please confirm your acceptance of the terms of the indirect cost rate agreement by signing and returning this letter to me. Please retain a copy for your records.

ACCEPTANCE

The undersigned official warrants
that he/she has the proper authority
to execute this agreement on the
behalf of the By the State Agency:

(Signature)
Scott A. Thompson

(Name)
Executive Director

(Title)
Oklahoma Department of Environmental Quality

(Agency)

(Date)

By the Federal Agency:

JACQUELINE
SMITH

(Signature)
Digitally signed by JACQUELINE
SMITH
Date: 2021.11.09 10:20:17 -05'00'

National Policy, Training and
Compliance Division
U.S. Environmental Protection Agency

Negotiated by: Jacqueline Smith
Telephone: (202) 564-5055

STATE OF OKLAHOMA
DEPARTMENT OF ENVIRONMENTAL QUALITY



FINAL
INTENDED USE PLAN

DRINKING WATER STATE REVOLVING FUND
STATE FISCAL YEAR 2023

Effective 7-1-2022 through 6-30-2023

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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 2023 (SFY 2023) 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 SFY 2023, beginning July 1, 2022, and ending June 30, 2023. The capitalization grants and state matching funds to fund these activities are from prior fiscal years and the Federal Fiscal Year 2022 (FFY 2022) appropriation. DEQ has already applied for the FFY 2022 grant to ensure funding will be available on July 1st, which is the beginning date of SFY 2023.

To ensure that the public had an opportunity to review DEQ's proposed plans for the DWSRF, a draft IUP was made available 30 days prior to the IUP public meeting which was held on July 6, 2022. To ensure that interested parties were made aware of the public meeting date, DEQ posted notice on DEQ's 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 7, 2022, and no comments were received.

As a result of federal appropriations to the State, DEQ has received federal capitalization grants totaling \$363,401,000.00 from FFY 1997 thru FFY 2021. DEQ will apply for the FFY 2022 Capitalization Grant in the amount of \$9,935,000.00 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 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 SFY 2023 – Base and Bipartisan Infrastructure Law (BIL)
DWSRF General Supplemental

Beginning Balance (SFY 2022 Carryover)	\$151,725,349
Projected Bond Issue	\$ 145,000,000
Federal Grant Carryover from Previous FFYs	\$ 2,600,000
Federal Grant FFY 2022	\$ 9,935,000
BIL Federal Grant (FFY 2022)	\$ 25,508,000
State Match SFY 2023 (BIL and Base, \$3.2 Million Paid during SFY 2022)	\$ 1,337,800
Principal Repayments	\$ 21,430,790
Release of 2013B Bond Reserve Funds	\$ 2,646,710
Interest Earnings on Loans	\$ 11,737,035
Interest Earnings from Bond Funds	\$ 150,000
Interest Earnings on Fund 473	\$ 286,431
Sub Total	\$ 220,631,766
Total Sources of Funds	\$ 372,357,115
USES OF FUNDS	
Expected DWSRF Loan Commitments for SFY 2023	\$ 301,669,179
Disbursements - Anticipated 30% of Loan Commitments SFY2023	\$ 90,500,754
DWSRF Set-Aside Programs for SFY 2023	
Administration (4%)	\$ 1,210,583
Small System TA (2%)	\$ 643,054
Program Management (10%)	\$ 2,086,650
Local Assistance (15%)	\$ 2,602,036
Subtotal	\$ 6,542,323
Debt Service Obligations	
Debt Service on 2013B Bonds	\$ 1,860,931
Debt Service on 2016 Bonds	\$ 4,724,062
Debt Service on 2018 Bonds	\$ 11,989,162
Debt Service on 2019 Bonds	\$ 1,642,099
Debt Service on 2020 Bonds	\$ 6,689,075
Debt Service on 2021 Bonds	\$ 7,408,400
Subtotal	\$ 34,313,729
Previously Committed/Obligated Funds - SFY 2022 (Estimated)	\$ 241,000,500
Total Uses of Funds	\$ 372,357,306
* Additional Funds Needed	\$ (191)
*Will use Clean Water State Revolving Fund (CWSRF) transfer funds, future cap grant, future 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 2022 capitalization grant for set-asides as follows: four (4) percent for Administration; two (2) percent for Small System Technical Assistance; ten (10) percent for Program Management; fifteen (15) percent for Local Assistance and other State Programs. The fifteen (15) percent for Local Assistance and other State Programs will be broken into ten (10) percent for Capacity Development Program and five (5) percent for the following uses: Water Loss Audit and Leak Detection Program; *Cryptosporidium* special monitoring capabilities; and harmful algae bloom (HAB) special monitoring capabilities. DWSRF program continues to work with the State Environmental Laboratory Services (SELS) Division to further its special monitoring capabilities for *Cryptosporidium* and HAB. DEQ will provide work plans for each set-aside to EPA describing how the specified FFY 2022 capitalization grant funds are to be expended during SFY 2023.

As done in the previous year, DEQ plans to continue to utilize the remaining set-asides funds (FFY 2020 and FFY 2021 capitalization grant) to conduct and complete Sanitary Surveys, purchase DWSRF tracking database, and other eligible DWSRF activities as needed. The Sanitary Surveys will be conducted on a third of the State's public water supplies that are groundwater, surface water, and purchase without treatment. Table 2 shows DWSRF Set-aside activities for SFY 2023.

TABLE 2
DWSRF Set-Aside Activities
SFY 2023

Set-aside category	Percent of Set - Aside Program	Total amount reserved from FFY 2022 grant	Reclaimed credit from old grants	Cumulative amount to be specified in workplans
Admin.	4	\$ 397,400	\$ -	\$ 397,400
Tech. Asst.	2	\$ 198,700	\$ -	\$ 198,700
St. Prg. Mgt.	10	\$ 993,500	\$ -	\$ 993,500
Local Assist.	15	\$ 1,490,250	N/A	\$ 1,490,250
Total	31	\$ 3,079,850	\$ -	\$ 3,079,850

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; loan applications; 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 four (4) percent of the FFY 2022 capitalization grant for administrative support of the DWSRF. DEQ and OWRB will use an estimated amount of \$397,400.00 (see Table 2) from set-aside funds for SFY 2023 DWSRF administration. This set-aside is to fund activities that implement, administer, and operate the DWSRF program during SFY 2023.

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 2023, it is projected that approximately \$10,996,536.38 will be available. Table 4 shows accumulated amounts of available funds from FFY 1997 through FFY 2022 and the projected amount for SFY 2023. 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 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. 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 two (2) percent of the FFY 2022 capitalization grant to fund small system technical assistance activities for SFY 2023. DEQ will use an estimated amount of \$198,700.00 (see Table 2) from set-aside funds for SFY 2023.

3. 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 (LT2ESWTR) assistance, to provide Stage 2 Disinfectant/Disinfection Byproducts Rule (S2DBPR) assistance, to provide Revised Total Coliform Rule (RTCR) assistance, to provide Lead and Copper Rule (LCR) and Lead and Copper Rule Revisions (LCRR) assistance, to conduct Sanitary Surveys, and to provide Ground Water Rule (GWR) assistance. DEQ personnel will accomplish these tasks.

As allowed by the SDWA, DEQ reserved and specified an amount equal to ten (10) percent of the FFY 2022 capitalization grant for state program management. DEQ will use \$993,500.00 (see Table 2) from set-aside funds for SFY 2023 public water supply state program management.

Using DWSRF funding, SELS plans to obtain additional analytical based resources and training to build Lab Capacity and Development and technical competency. These extended capabilities will enable the SELS to prepare for expanded support for current and new rules under the SDWA and develop the analytical methodologies needed to respond to emerging contaminants.

4. 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, SELS PWS Small System Technical Sampling Assistance, RTCR assessments, and the Capacity Development Section as allowed under Section 1452(k)(1) of the SDWA.

Previously, DEQ 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. The Capacity Development Section is in the process of developing a Source Water Protection Program, which will include reviewing and updating existing SWAPs, as well as working with Oklahoma Rural Water Association (ORWA) and other entities and stakeholders to educate public water supplies and their customers as well as promote the adoption of and engagement of source water protection plans by water systems.

Local Assistance funding will be designated to fund two programs internal to the agency that are managed by the Capacity Development Section Manager: a capacity development assessment and assistance program and a water loss auditing program, both focused on helping water supplies serving fewer than 10,000 persons. The state-wide capacity development assessment and assistance program involves meeting with water system personnel, conducting interviews focused on determining the technical, managerial, and financial (TMF) condition of the water supply, and offering assistance and resources to the system to address noted deficiencies. In addition to providing assistance, another important goal for capacity development is determining state level trends in TMF conditions and tracking how water system TMF conditions have changed over time to determine the effectiveness of current capacity development technical assistance efforts and to guide future work. The assessments also serve to introduce public water supply personnel to capacity development concepts that they may not be familiar with and to give personnel an opportunity to request capacity development help if they need it.

The water loss auditing program is focused on conducting water loss audits at public water supplies using the American Water Works Association (AWWA) M36 method and software. Local Assistance funding is used to conduct water loss audits at public water supplies that request it, and the work serves to both conduct the audit and to teach public water supply personnel how to conduct future audits by themselves. Using the AWWA software, public water supplies obtain the knowledge necessary to begin controlling and reducing non-revenue water which increases system efficiency, enhances system sustainability, and reduces the impact on the environment.

Local Assistance funding will also be used to fund two contracts outside of DEQ that is overseen by the Capacity Development Section Manager. The first, focused on leak detection / meter analysis, is implemented by the ORWA at public water supplies referred to them by DEQ that have received a water loss audit. ORWA will use the results of the audit to conduct leak detection and meter analysis, with the goals of finding leaks (which the system can repair), determining production and consumer meter accuracy, and training system personnel on how to conduct leak detection and meter analysis on their own.

The second contract is focused on providing needed TMF assistance to small PWSs in areas identified as significant needs by the state-wide capacity development assessment. Via this contract, ORWA helps small PWSs develop and implement asset management and source water protection plans, conduct rate analyses, develop operation and maintenance plans, and other tasks.

SELS will continue to utilize DWSRF funding to maintain *Cryptosporidium* accreditation and analytical emergency response capabilities that pose a threat to public health like those associated with HAB events.

As allowed by the SDWA, DEQ reserved and specified an amount equal to fifteen (15) percent of the FFY 2022 capitalization grant for Local Assistance and other State Programs. DEQ will use \$1,490,250.00 (see Table 2) from set-aside funds for SFY 2023, with ten (10) percent for Capacity Development Section and five (5) percent for the following uses: Water Loss Audit and Leak Detection Program; *Cryptosporidium* special monitoring capabilities; and HAB special monitoring capabilities. In accordance with EPA's DWSRF Set-Aside Management Policy that was announced on February 9, 1999, DEQ will reserve the authority to specify the transferred funds from future capitalization grants if they are needed.

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 (PPL), included as Appendix B. The comprehensive PPL demonstrates which eligible drinking water projects are to receive loan funds from the DWSRF. The comprehensive PPL 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. *

*Projects, deemed by DWSRF which come about as a result of an emergency and pose an immediate public health concern, will be made a priority over current projects on the PPL.

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 PPL; 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 and asset management plan.

Projects that have met the above requirements will be moved ahead of projects that are not on schedule on the PPL. 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 PPL’s 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 2023. As part of the on-going efforts to meet the small system funding provisions, the DWSRF program will continue its efforts towards marketing, outreach, and technical assistance, including but not limited to the following activities:

- a. Small system technical assistance provided by Technical Assistance Providers and DEQ staff, such as the Public Water Supply Engineering and Enforcement Section and Environmental Complaints and Local Services Division;
- b. Water Loss Audits, 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 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 (presentations are to be scheduled in different regions of the State);
- g. TMF assessment and assistance with developing standard procedures and other documents;
- h. 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 PPL;
- 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 2023 are placed on the SFY 2023 Funding List, included as Appendix B;
- e. Bypass Process will be implemented and notification letters may 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 PPL 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 PPL, 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 2023 PPL attached as Appendix B shows a total of forty-six (46) projects, with thirteen (13) projects expected to be funded from the Base program and the rest of the projects will be either funded solely from the Bipartisan Infrastructure Law (BIL) or a combination of both, 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 2023, the total need of \$301,669,179.00 (BIL and Base Program) for projects is shown in Appendix B. It is estimated that \$90,500,754.00 will need to be disbursed in SFY 2023. These funds are derived from past capitalization grants and state matching funds, FFY 2022 capitalization grant, General DWSRF Supplemental Capitalization Grant, and state match for both capitalization grants, investment income, interest income, and projected bond issue funds. Additional needed funds will be obtained as indicated in the bottom of Table 1.

C. AMERICAN IRON AND STEEL AND BUILD AMERICA, BUY AMERICA

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.” SDWA Section 1452, amended by the Infrastructure Investment and Jobs Act (IIJA), made the American Iron and Steel (AIS) requirement permanent to the DWSRF program.

On November 15, 2021, IIJA, Pub. L. No. 117-58, which includes the Build America, Buy America Act (BABA). Pub. L. No. 117-58, §§ 70901-52, was signed into law. BABA strengthens Made in America Laws and will bolster America’s industrial base, protect national security, and support high-paying jobs. BABA requires that no later than May 14, 2022, 180 days after the enactment of the IIJA, the head of each covered Federal agency shall ensure that “none of the funds made available for a Federal financial assistance program for infrastructure, including each deficient program, may be obligated for a project unless all of the iron, steel, manufactured products, and construction materials used in the project are produced in the United States.”

D. ADDITIONAL SUBSIDIZATION – BASE PROGRAM

As in the previous year, DEQ’s primary focus for the subsidy (14%) of FFY 2022 Capitalization Grant will be public water supplies with health-based violations (HBV), such as disinfection byproduct (DBP) issues. However, if these types of projects are not ready to proceed, the focus may shift towards other initiatives, such as, regionalization, consolidation, or other compliance issues. Additionally, during SFY 2023, DEQ plans to provide additional subsidization to all eligible projects seeking funding through the DWSRF program. For these projects, the amount of loan forgiveness/grant per project will be \$250,000.00 or 25%, whichever is less. Table 3 shows the amount of subsidy funds left from that FFY.

TABLE 3
Subsidy Funds
SFY 2023

FFY 2019	FFY 2020	FFY 2021	FFY 2022	Available for SFY 2023
\$0.00	\$0.00	\$0.00	\$1,390,900.00	\$1,390,900.00

E. 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.

F. 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 Capacity Development Section 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 Section, through the use of the set-asides for State Program Management and 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 30th, 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, the Area Wide Optimization Program (AWOP), small system technical assistance program, and the Public Water Supply Sanitary Survey program.

G. 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 SRF Data 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 subsidy, as well as information on the environmental benefits of DWSRF assistance agreements.

Oklahoma will also report annually to the SRF Data System. 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 less the set-asides for each year.

III. DWSRF GOAL STATEMENTS

A. SHORT-TERM GOALS

1. Provide forty-six (46) loans to the forty-five (45) water systems listed on the Fundable Portion of the SFY 2023 PPL. (Target Completion: June 2023)
2. Apply for FFY 2023 capitalization grants. (Target Completion: April 2023)
3. Complete set-aside work plans specifying funds from the capitalization grants. (Target Completion: Within 90 days of grant award)
4. Use set-aside funds to implement Capacity Development Strategy. (Target Completion: June 2023)
5. Use set-aside funds to provide technical assistance to systems to comply with LT2ESWTR, S2DBPR, RTCR, LCR, LCRR, GWR, and Sanitary Surveys. (Target Completion: June 2023)
6. Issue DWSRF Revenue Bonds in an estimated amount of \$145,000,000.00 to finance the additional demand for drinking water loan funds. (Target Completion: June 2023)
7. Expend Capitalization Grants within two years of grant award.
8. Promote and market the DWSRF program by giving presentations around the State. (Target Completion: June 2023).
9. Promote and further Justice40 initiative. (Target Completion: June 2023)
10. Target the additional funds made available through the BIL to disadvantaged communities. (Target Completion: June 2023)

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.
8. Target public water supply projects with health based violations to reduce the non-compliance rate.
9. Target the additional funds made available through the BIL to disadvantaged communities in accordance to EPA's memo of implementation of DWSRF provisions from the BIL.
10. Encourage climate resilient projects.
11. Continue to refine the Capacity Development Program through the following actions:
 - a. Revising the capacity development strategy to reflect current goals and methods used by the Capacity Development Section, including the promotion of proper asset management at Oklahoma water supplies.
 - b. Enhancing implementation of the Water Loss Auditing and Leak Detection Program.
 - c. Increasing the amount of technical, managerial, and financial assistance provided to small Oklahoma public water supplies, both from Capacity Development Section staff and from 3rd-party technical assistance providers.
 - d. Implementing a Source Water Protection Program.
 - e. Promoting and transferring optimization concepts to water systems through participation in the area wide optimization program (AWOP).

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 forty-six (46) loans to the forty-five (45) water systems listed on the SFY 2023 PPL. See Appendix B, for a list of projects on the PPL.
 - b. Output 2 – Enter into binding commitments with thirty-eight (38) small systems and seven (7) large systems, one large system will have two different loans, for a total of forty-six (46) projects during SFY 2023. 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 30-year loan (up to a 40-year loan for eligible disadvantaged communities subject to useful life of proposed project) with a fixed interest rate used for the construction of drinking water infrastructure improvements. Interest and administration fees are paid semi-annually based on outstanding principal loan balance. Principal payments start according to date set forth in the promissory note.

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 met the criteria for consolidation and/or regionalization were granted principal forgiveness in accordance with the DWSRF procedures for each type of project. Starting in SFY 2019, DEQ's focus for the subsidy became public water supplies who have HBV, such as DBPs issues. In addition to HBV and regionalization/consolidation projects, during SFY 2023, DEQ plans to provide additional subsidization to all eligible projects seeking funding through the DWSRF program (see page 9 of 25).

The total amount of subsidies given will be determined by the FFY 2022 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 plus 0.40% to 0.76% to account for interest rate risk, where 0.40% is charged on the shortest maturities and 0.76% is charged on the longest maturities. An additional 0.50% administrative fee is charged on the unpaid principal balances. The interest rate calculation is reviewed annually by the OWRB and is subject to change on future loans.

B. ADMINISTRATION FEES

OWRB charges an annual administration fee of 0.5 percent on the unpaid loan balance, and an application fee upon 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 \$10,996,436.38 at the end of SFY 2023.

TABLE 4
Drinking Water Treatment Loan Administration Fund

Revenue	FY1997-2022*	FY 2023	Total
Application Fee	\$ 105,584.00	\$ 4,000.00	\$ 109,584.00
Administration Fees on Loans (.5%)	\$ 33,638,247.00	\$ 2,955,814.00	\$36,594,061.00
Interest Earnings on Fund 444	\$ 1,567,105.00	\$ 87,655.00	\$ 1,654,760.00
Recovery of Loan Default	\$ 553,029.38	\$ 35,000.00	\$ 588,029.38
Total Revenue	\$ 35,863,965.38	\$ 3,082,469.00	\$38,946,434.38
Expenses			
Administrative Costs	\$ 9,329,094.55	\$ 900,000.00	\$10,229,094.55
Transfer to DWSRF for Loan Write-Off	\$ 4,159,703.45	\$ -	\$ 4,159,703.45
Funds Used for State Match (10% BIL & 20% Base)	\$ 12,223,400.00	\$ 1,337,800.00	\$13,561,200.00
Total Expenses	\$ 25,712,198.00	\$ 2,237,800.00	\$27,949,998.00
Balance	\$ 10,151,767.38	\$ 844,669.00	\$10,996,436.38
*Includes projections for April, May & June 2022			

C. BINDING COMMITMENTS

It is anticipated that DEQ will enter into forty-six (46) binding commitments with thirty-eight (38) small systems and seven (7) large systems, one large system with two loans, during SFY 2023. The amount of funding for small systems is anticipated to be \$102,974,098.00 which is equal to 34 percent of the amount of funding available for projects on the fundable portion of the SFY 2023 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.

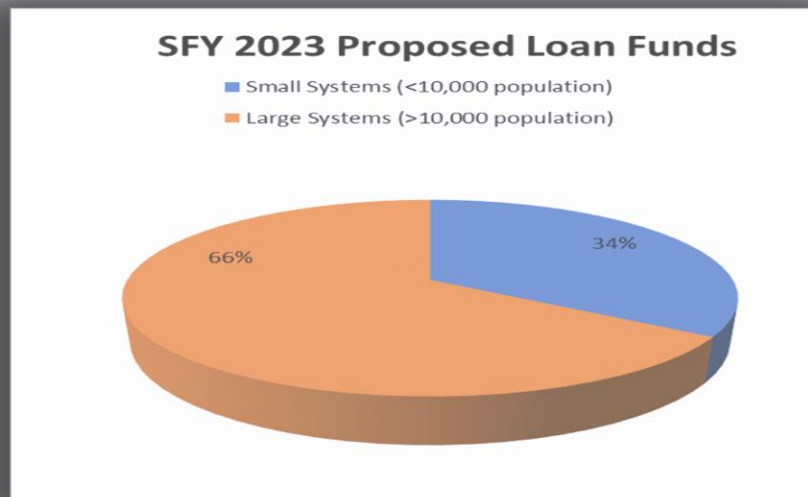


Exhibit 1 – DWSRF Proposed Loans to Small Systems SFY 2023

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 provide an amount of at least 10 percent to the DWSRF General Supplemental made available through the BIL.
8. The State will deposit interest earnings and repayments into the DWSRF project fund.
9. The State will match capitalization grant funds the State uses for 1452(g)(2) set-asides.
10. The State will use Generally Accepted Accounting Principles.
11. The State will have the DWSRF project fund and set-aside account audited annually in accordance with General Accepted Government Auditing Standards.
12. The State will adopt policies and procedures to assure that borrowers have a dedicated source of revenue for repayments.
13. The State will commit and expend funds as efficiently as possible, and in an expeditious and timely manner.
14. The funds will be used in accordance with the IUP.
15. The State will provide EPA with an Annual Report.
16. 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 2022 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 stringent levels for turbidity, total trihalomethanes, 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 2022 grant for set-asides is needed to fund the programs for SFY 2023. DEQ will provide work plans for each set-aside to EPA describing how the specified FFY 2022 capitalization grant funds are to be expended during SFY 2023.

B. FUNDS AVAILABLE FOR DWSRF PROJECTS

As discussed in Section III. A. 1, and shown in Table 1, a total of \$372,357,115.00, less set asides, will potentially be available during SFY 2023 to fund forty-six (46) projects listed on the combined (BIL and Base) 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 \$145,000,000.00 of bonds in SFY 2023 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 \$145,000,000.00 (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. 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 2023, the funds expected to be available to the DWSRF include past capitalization grants and state matches, FFY 2022 capitalization grant and state match, FFY 2022 General Supplemental 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 2022 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 2022 State Match requirement has been met as part of the SFY 2022 DWSRF Bond issue. The amount of \$3,200,000.00 was accounted for in last year's bond issue. The amount needed to match the FFY 2022 capitalization grant (20% state match) and the BIL General Supplemental capitalization grant (10% state match) is \$4,537,800.00. The difference of \$1,337,800.00 will be funded from the DWSRF Admin Account during SFY 2023.

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.

F. FINANCIAL PLANNING PROCESS AND MANAGEMENT OF FUNDS

The OWRB and its financial advisor 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.

G. 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 may provide up to 40-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 which serve a population whose Median Household Income (MHI) is greater than 80% but less than 90% of the national MHI according to the United States Census Bureau/American Community Survey. Communities serving population whose MHI is less than 80% of the national MHI according to the United States Census Bureau/American Community Survey will be designated as “Severely Disadvantaged Communities” and hence will receive 60 priority points instead of the 40 points reserved for Disadvantaged Communities. MHI is based on the most recent 5-year average of median household income from United States Census Data or through a household income survey acceptable to DEQ.

Also, DWSRF is mandated to provide a minimum of 12% and not to exceed 35% of the capitalization grant to Disadvantaged Communities primarily serving 10,000 population or fewer. If a system serving more than 10,000 population and the proposed project is to impact a disadvantaged area, low income, or people of color, this project will be considered for this subsidy. During SFY 2023, \$1,192,200.00 (12%) is available for communities that meet the above definition. The amount of

subsidy per project will be \$200,000.00 or 25%, whichever is less. For a Severely Disadvantaged Community with a project costing less than \$400,000.00, the amount of subsidy will be decided on a case-by-case basis. Further, the DWSRF project priority system provides for priority points to be given to projects that benefit disadvantaged communities.

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 CWSRF and DWSRF programs, provided by EPA, in order to assure adequate capacity to meet all funding demands. In accordance with the Safe Drinking Water Act – State Revolving Fund (SRF) funds transfer provisions (Section 302), the State hereby reserves the authority "to transfer an amount up to 33 percent of the 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 2023. The approval of the IUP will constitute the approval of the transfer request. It is understood that fund transfers between the programs during SFY 2023 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.

D. FEDERAL REQUIREMENTS ON AVAILABLE FUNDS (EQUIVALENCY)

Funds are subject to federal requirements such as Davis-Bacon Act prevailing wages and American Iron and Steel provisions. DWSRF-funded projects must follow all federal "cross-cutter" requirements and EPA's signage requirements.

The DWSRF has two tiers of funding: Equivalency projects and Non-Equivalency projects.

Equivalency projects (Federal Requirements) - A portion of the DWSRF funded projects must follow all federal requirements commonly known as "cross-cutters". This type of financial assistance is referred to broadly as "Equivalency". Equivalency projects may receive an additional interest rate reduction. Additionally, a portion of the available Equivalency funds may be reserved for projects receiving additional subsidization.

Non-Equivalency projects - Non-Equivalency projects are not subject to federal cross-cutter requirements, with the exception of the federal anti-discrimination laws, also known as the "super cross-cutters" and state environmental review process.

VIII. BIPARTISAN INFRASTRUCTURE LAW

The IIJA, also known as the BIL, was signed into law on November 15, 2021. The law's investment in the water sector is nothing short of transformational. It includes billions of dollars over the next 5 years to the DWSRF through EPA to strengthen the nation's drinking water systems. The BIL provides additional capitalization grants for DWSRF General Supplemental Funding, Lead Service Line Replacement Funding and DWSRF Emerging Contaminants Funding. All these new funds are subject to the same governing rules, regulations and conditions as the DWSRF Base Program.

A. DWSRF BIL General Supplemental Funding

“Provided further, That for the funds made available under this paragraph in this Act, forty-nine percent of the funds made available to each State for Drinking Water State Revolving Fund capitalization grants shall be used by the State to provide subsidy to eligible recipients in the form of assistance agreements with 100 percent forgiveness of principal or grants (or any combination of these), notwithstanding section 1452(d)(2) of the Safe Drinking Water Act (42 U.S.C. 300j-12)”

DWSRF BIL General Supplemental PPL

The BIL DWSRF General Supplemental PPL includes a total of \$147,294,179.40, of which \$24,562,567.00 will be funded from the General Supplemental Capitalization Grant made available through BIL. See page 2 of Appendix B. The shortfall to fund all the projects listed will be from the DWSRF Base program. See Sources and Uses in Table 1.

The BIL DWSRF General Supplemental PPL includes a total of thirty-three (33) projects. All these communities meet the state definition of Disadvantaged Community.

DWSRF BIL General Supplemental Set-Asides

During SFY 2023, DEQ plans to utilize \$409,689.00 for Administration, \$192,909.00 for Small System Technical Assistance, \$368,233.00 for State Program Management, and \$458,646.00 for Local Assistance and other State Programs to implement the BIL DWSRF General Supplemental capitalization grant as well as supplement the funding for state eligible programs and activities listed under the Set-Asides Programs of the DWSRF Base program.

DWSRF BIL General Supplemental State Match

During SFY 2023, unlike the DWSRF Base Program, the BIL General Supplemental requires ten percent (10%) state match of \$2,550,800.00. Only \$1,337,800.00 will be needed from the Admin Account to match this grant as the difference of \$1,213,000.00 has been matched from the bond proceeds during SFY 2022. See Table 4 for match amount.

DWSRF BIL General Supplemental Requirements and Goals

In addition to the goals listed above, the main focus for these funds will be to assist those communities that meet the state definition of Disadvantaged Community and furthering Justice40 Initiative.

DEQ will apply for the FFY 2022 General Supplemental Funds in the amount of \$25,508,000.00 approved by Congress, during SFY 2023. The subsidy from this allocation will be provided to only those communities that meet the state definition of Disadvantaged Community. During SFY 2023, **\$12,498,920** (49% of the capitalization grant) will be available to Disadvantaged Communities as defined under Section VII. Part B Disadvantaged Communities within the IUP. The amount of the subsidy/loan forgiveness/grant will be as follows:

- Disadvantaged Communities as defined above serving 10,000 people or fewer will receive 100% loan forgiveness up to \$800,000 for eligible project and costs.
- Disadvantaged Communities serving more than 10,000 people will qualify for 25% of the loan amount or \$1,000,000.00, whichever is less as loan forgiveness.
- Disadvantaged and Severely Disadvantaged Communities seeking funding for regionalization/consolidation may receive up to 100% loan forgiveness, if available.
- Projects for Non-Disadvantaged Communities benefiting areas of low income (below 90% of NMHI), minorities and/or people of color, will receive loan forgiveness of up to \$800,000.00 or the cost of the project in that area, whichever is less.

For the BIL DWSRF General Supplemental funds and the Base DWSRF program, there is a maximum of \$1,000,000.00 of loan forgiveness/grant per entity per fiscal year except for small and disadvantaged systems. The maximum amount for small and disadvantaged systems is \$1,200,000.00, subject to availability of the loan forgiveness/grant funds. For health based violations and and/or regionalization/consolidation projects, the maximum amount of loan forgiveness/grant will be determined on a case-by-case basis.

B. DWSRF BIL Lead Service Line Replacement Funding

“Provided further, That for the funds made available under this paragraph in this Act, forty-nine percent of the funds made available to each State for Drinking Water State Revolving Fund capitalization grants shall be used by the State to provide subsidy to eligible recipients in the form of assistance agreements with 100 percent forgiveness of principal or grants (or any combination of these), notwithstanding section 1452(d)(2) of the Safe Drinking Water Act (42 U.S.C. 300j–12)”

Project eligibility under this appropriation is limited to lead service line replacement (LSLR), planning and design for LSLR projects and associated activities, and developing lead service line inventories in accordance with the LCRR. A “lead service line” is defined as, “...*a service line made of lead, which connects the water main to the building inlet. A lead service line may be owned by the water system, owned by the property owner, or both. For the purposes of this subpart, a galvanized service line is considered a lead service line if it ever was or is currently downstream of any lead service line or service line of unknown material. If the only lead piping serving the home or building is a lead gooseneck, pigtail, or connector, and it is not a galvanized service line that is considered an LSL the service line is not a lead service line.*”

DWSRF BIL Lead Service Line Replacement PPL

The Lead Service Line Replacement PPL includes a total of \$74,096,798.75, of which \$29,742,080.00 (see Table 5 below) is available to provide in the form of loan forgiveness/grant or a combination of loan and loan forgiveness from the Lead Service Line Replacement Capitalization Grant made available through BIL. As listed in Appendix E, the Lead Service Line Replacement PPL includes a total of forty (40) projects. The fundable list portion of this PPL includes twenty-four (24) projects. All these communities meet the state definition of Disadvantaged Community within the IUP.

TABLE 5: SOURCES AND USES FOR BIL LSLR

SOURCES OF FUNDS	
¹ Beginning Balance on July 1, 2022	\$ -
² Federal Grant Carryover from Previous FFYs	\$ -
Federal Grant FFY 2022	\$ 40,192,000
Sub Total	\$ 40,192,000
Total Sources of Funds	\$ 40,192,000
USES OF FUNDS	
Lead Service Line Replacement PPL Amount	\$ 74,096,799
Expected DWSRF Loan Commitments for SFY 2023	\$ 29,742,080
DWSRF Set-Aside Programs for SFY 2023	
Administration	\$ 1,607,680
Small System TA	\$ 803,840
Program Management	\$ 4,019,200
Local Assistance	\$ 4,019,200
	\$ 10,449,920
Total Uses of Funds	\$ 40,192,000
Additional Funds Needed	\$ (44,354,719)
¹ No beginning balance since new source of funding.	
² No federal carryover since new source of funding.	

DEQ will apply for the FFY 2022 Lead Service Line Replacement Capitalization Grant in the amount of \$40,192,000.00 approved by Congress, during SFY 2023. The subsidy from this allocation will be provided to only those communities that meet the state definition of Disadvantaged Community. During SFY 2023, **\$19,694,080.00** (49% of the capitalization grant) will be available to Disadvantaged Communities as defined under Section VII. Part B Disadvantaged Communities within the IUP. The amount of the loan forgiveness/grant provided will be as follows:

- Disadvantaged Communities serving 10,000 people or fewer will receive up to 100% loan forgiveness for eligible projects and costs.
- Disadvantaged Communities serving more than 10,000 people will qualify for 33% of the loan amount, or \$2.5M, whichever is less as loan forgiveness.
- Projects under this category for Non-Disadvantaged Communities benefiting areas of low income (below 90% of National Median Household Income), minorities and/or people of color, will receive loan forgiveness of up to 100% of the cost for the project in that area.

Any project funded under this appropriation involving the replacement of a lead service line must replace the entire lead service line, not just a portion.

Corrosion control studies and associated infrastructure are not eligible under this appropriation.

Consistent with the base DWSRF program, bottled water is not eligible under this appropriation.

DWSRF BIL Lead Service Line Replacement Set-Asides

Set-aside eligibilities under this appropriation include but are not limited to the development of LSLR inventories, technical assistance to small water systems undertaking LSLR inventories or construction projects, planning and design for LSLR projects, funding state staff and contractors working on LSLR outreach and inventory plans, etc...

To complete these tasks, during SFY 2023, DEQ plans to utilize \$1,607,680.00 for Administration, \$803,840.00 for Small System Technical Assistance, \$4,019,200.00 for State Program Management, and \$4,019,200.00 for Local Assistance and other State Programs to implement the BIL DWSRF Lead Service Line Replacement capitalization grant. This will be achieved by hiring additional staff and contractors as well as through technical assistance contract(s).

DWSRF BIL Lead Service Line Replacement Requirements and Goals

In addition to the goals listed above, the main focus for these funds will be to assist those communities and service areas that meet the state definition of Disadvantaged Community with, but not limited, to the following:

- Assist water systems with developing lead service line inventories in accordance with the LCRR.
- Replace lead service lines as defined above on both privately and publically owned service lines.
- Eliminate lead service lines from distribution systems.

C. DWSRF BIL Emerging Contaminant Funding

“Provided further, that funds provided under this paragraph in this Act deposited into the State revolving fund shall be provided to eligible recipients as loans with 100 percent principal forgiveness or as grants (or a combination of these)”

“Provided further, That funds provided under this paragraph in this Act shall be to address emerging contaminants in drinking water with a focus on perfluoroalkyl and polyfluoroalkyl substances...”

DWSRF BIL Emerging Contaminant PPL

The Emerging Contaminant PPL includes a total of \$4,800,000.00, of which \$4,800,000.00 will be funded from the Emerging Contaminant Capitalization Grant made available through BIL. As listed in Appendix F, the Emerging Contaminant PPL includes a total of three (3) projects. These projects meet the definition of Disadvantaged Community and serve less than 25,000 persons.

<u>SOURCES OF FUNDS</u>	
¹ Beginning Balance on July 1, 2022	\$ -
² Federal Grant Carryover from Previous FFYs	\$ -
Federal Grant FFY 2022	\$ 10,711,000
Sub Total	\$ 10,711,000
Total Sources of Funds	\$ 10,711,000
<u>USES OF FUNDS</u>	
Expected DWSRF Loan Commitments for SFY 2023	\$ 4,800,000
DWSRF Set-Aside Programs for SFY 2023	
Administration	\$ 110,625
Small System TA	\$ 104,333
Program Management	\$ 614,333
Local Assistance	\$ 104,333
Subtotal	\$ 933,624
Total Uses of Funds	\$ 5,733,624
* Excess Funds	\$ 4,977,376
¹ No beginning balance since new source of funding.	
² No federal carryover since new source of funding.	
* Excess Funds - DWSRF may apply for at a later date.	

DWSRF BIL Emerging Contaminant Set-Asides

During SFY 2023, DEQ plans to utilize \$110,625.00 for Administration, \$104,333.00 for Small System Technical Assistance, \$614,333.00 for State Program Management, and \$104,333.00 for Local Assistance and other State Programs to implement the BIL DWSRF Emerging Contaminant capitalization grant.

DWSRF BIL Emerging Contaminant Requirements and Goals

In addition to the goals listed above, the main focus for these funds will be to improve the drinking water by removing manganese from the drinking water.

DEQ will apply for a portion of the FFY 2022 Emerging Contaminants Capitalization Grant in the amount of \$5,733,624.00 approved by Congress, during SFY 2023. One hundred percent (100%) of these funds will be provided as subsidy to all eligible recipients with a minimum of 25% of the funds awarded to communities that meet the state definition of Disadvantaged Community. During SFY 2023, **\$10,711,000.00** may be available as subsidy, **\$2,677,750.00** of which will be directed toward Disadvantaged Communities or PWS serving fewer than 25,000 persons.

IX. PUBLIC REVIEW AND COMMENT

On July 6, 2022, a public meeting was held in compliance with the Oklahoma State Administrative Procedures Act and DWSRF regulations. 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 draft copy of the 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 thirty (30) day comment period started on June 6, 2022, and closed on July 7, 2022, with no comments received.

X. 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.

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 PPL shall consist of all eligible projects requesting placement on the PPL. 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 PPL 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 PPL.
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.

Contaminant	Severity (points per violation)
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
Contaminant	Severity (points per violation)
Mercury	10
Nitrate	30
Pesticides and other SOC's	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.

Condition	Severity
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.

Condition	Severity
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.

Condition	Severity
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.

Contaminant	Severity
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.

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

OK DWSRF PPL SFY 2023 Project Priority List
for Base and BIL General Supplemental

	PRIORITY POINTS	SYSTEM	LOAN AMOUNT		CUMULATIVE AMOUNT	POPULATION	Severly Dis- advantaged, Dis- advantaged, or No*	PROJECT DESCRIPTION	Anticipated Binding Commitment Date	Anticipated Construction Date	Project Number
<u>Funding List</u>											
<u>Base</u>											
Base	940	Cleveland MA	\$	100,000.00	\$ 100,000.00	4,870	S	Installation of an aeration system and mixing system in the primary elevated water storage tanks and automated flushing hydrants.	11/1/2022	1/1/2023	P40-1021210-01
Base	690	Maysville MA	\$	6,600,000.00	\$ 6,700,000.00	1,212	S	Abandon the dilapidated surface water treatment plant, develop 2 new wells, construct a new water treatment plant, and replace the majority of our distribution system to meet ODEQ regulations.	9/1/2022	11/1/2022	P40-1010807-01
Base	510	Wetumka PWA	\$	100,000.00	\$ 6,800,000.00	2,221	S	Improvements to the raw water intake, treatment plant, and/or distribution system to address the DBP exceedances occurring within the system.	8/1/2022	10/1/2022	P40-1020508-01
Base	490	Hugo MA	\$	100,000.00	\$ 6,900,000.00	5,786	S	Installation of a tank mixing system in the existing elevated tank to assist in reduction of DBPs.	9/1/2022	11/1/2022	P40-1010314-01
Base	490	Okarche PWA	\$	2,775,000.00	\$ 9,675,000.00	1,110	N	Construct a Treatment Plant for Nitrate Removal.	7/1/2022	9/1/2022	P40-2003703-01
Base	360	Devol PWA	\$	100,000.00	\$ 9,775,000.00	150	D	Water treatment improvements for reduction of disinfection by-products.	9/1/2022	11/1/2022	P40-3001701-01
Base	335	Nowata MA	\$	2,500,000.00	\$ 12,275,000.00	5,566	S	Construct a composite elevated storage tank with tank aeration for the removal of THMs.	7/1/2022	9/1/2022	P40-1021503-01
Base	285	Rogers Co. RWD #4 (II)	\$	3,600,000.00	\$ 15,875,000.00	7,725	N	Addition of a third "Actifloc" clarification/filtration unit at the existing RWD #4 water treatment plant; installation of a 500,000 gallon water storage tank at the existing RWD #4 treatment plant, and construct a two-mile long twelve-inch (12") water line project on S. 4100 Road, located near Talala, OK.	7/1/2022	9/1/2022	P40-1021506-02
Base	250	Canadian Co. RWD #1	\$	2,000,000.00	\$ 17,875,000.00	750	N	Construct one new Ion Exchange nitrate reduction water treatment plant, two new distribution standpipes, and install eight new well pumps.	12/1/2022	2/1/2023	P40-2000908-01
Base	125	Edmond PWA (VIII)	\$	15,000,000.00	\$ 32,875,000.00	80,214	N	Installation of a 24-inch Water Line project along E. 33rd Street from east of S. Broadway/Highway 77 to I-35. The water system improvements will increase distribution reliability, boost pressure and loop into other existing water lines.	11/1/2022	1/1/2023	P40-1020723-08
Base	100	Stilwell Area Development Authority	\$	15,500,000.00	\$ 48,375,000.00	6,475	S	Expansion of the water treatment plant.	8/1/2022	10/1/2022	P40-1020205-01

Base	100	Edmond PWA (XI)	\$	46,000,000.00	\$	94,375,000.00	80,214	N	Raw Water and Finished Water Transmission Mains (MAIN-03); AI-35 Complex Storage Improvements (TANK-02).	7/1/2022	9/1/2022	P40-1020723-12
Base	90	Stillwater UA (VI)	\$	60,000,000.00	\$	154,375,000.00	53,800	S	WTP Rehabilitation and Improvements: New chemical building, new filters, new recarb., rehabilitation/expand chlorine system.	7/1/2022	9/1/2022	P40-1021220-06
			</									

BIL	360	Indiahoma PWA	\$	314,000.00	\$	28,572,467.00	350	S	Install an aeration system in the water tower, replace blending station, repair wellhouse, chlorination machine, and tank level guide repair.	10/1/2022	12/1/2022	P40-2001609-01
BIL	340	Frederick PWA (II)	\$	130,000.00	\$	28,702,467.00	4,218	S	Installation of a permanent Chlorine Dioxide Feed System and a separate chlorine gas storage/feed building.	10/1/2022	12/1/2022	P40-1011401-02
BIL	330	Checotah PWA (II)	\$	1,200,000.00	\$	29,902,467.00	8,250	S	Water treatment plant improvements to reduce disinfection by-products.	7/1/2022	9/1/2022	P40-1020515-02
BIL/Base	310	Foss Reservoir MCD (II)	\$	15,000,000.00	\$	44,902,467.00	17,888	S	Construct a second, redundant, clarifier to allow for maintenance of the existing clarifier; construct a mixing basin along with additional bypass piping; and rehabilitation of the sand filter and reworking the piping to increase redundancy.	7/1/2022	9/1/2022	P40-1010829-02
BIL/Base	295	Stillwater UA (V)	\$	16,000,000.00	\$	60,902,467.00	53,800	S	Construction of a WTP Finished Water Pump Station and Clearwell Replacement.	12/1/2022	2/1/2023	P40-1021220-05
BIL	285	Loyal PWA	\$	150,000.00	\$	61,052,467.00	81	Y	Installation of an Ion Exchange Treatment Unit, Building and Wastewater Disposal Storage Facility.	9/1/2022	11/1/2022	P40-2003701-01
BIL	240	Jet UA (III)	\$	991,700.00	\$	62,044,167.00	230	S	Identification, planning, design, and replacement of lead <i>distribution</i> lines.	9/1/2022	11/1/2022	P40-2000211-03
BIL	185	Marietta PWA	\$	5,200,000.00	\$	67,244,167.00	2,626	S	Construct a new groundwater well to supplement supply; construct a new elevated water storage tank to provide system storage; and the rehabilitation of an existing standpipe to extend its functional life.	7/1/2022	9/1/2022	P40-2004301-01
BIL/Base	160	Perry MA (II)	\$	4,000,000.00	\$	71,244,167.00	6,430	D	Water system improvements consisting of water line replacements, tower mixers and improvements, and pump improvements.	7/1/2022	9/1/2022	P40-1021206-02
BIL/Base	155	McCurtain Co. RWD #8 (III)	\$	6,500,000.00	\$	77,744,167.00	5,685	S	Replacement of approximately 10.5 miles (55,500 feet) of existing 8" waterline to 12", replacement of approximately 2.15 miles (11,360 feet) of 8" waterline to 10" to resolve all low pressure issues throughout the system, and the purchase and implementation of a drive-by meter reading system.	7/1/2022	9/1/2022	P40-1010207-03
BIL/Base	150	Creek Co. RWD #2	\$	5,695,081.40	\$	83,439,248.40	14,144	S	Construction of four (4) miles of 12" water line, a water tower and a pump station, and .5 mile of 10" water line replacement.	10/1/2022	12/1/2022	P40-3001902-01
BIL	140	Beckham Co. RWD #2	\$	850,000.00	\$	84,289,248.40	857	S	Construction to supply water to the community of Delhi, Oklahoma which has high nitrate levels.	8/1/2022	10/1/2022	P40-2000510-01
BIL	125	Kingfisher PWA (II)	\$	1,000,000.00	\$	85,289,248.40	5,073	D	Install a full SCADA automation system for the City's water wells, treatment plant, and towers; Painting of the Meeker Water Tower; Valve Replacement in the distribution system; and Water pipe replacement in the distribution system.	9/1/2022	11/1/2022	P40-2003702-02
BIL	120	Porum PWA	\$	3,457,310.00	\$	88,746,558.40	5,290	S	Installation of approximately 72,000 L.F. of line replacement and additional line, a proposed water storage tank, rehabilitation of two standpipes, and a proposed booster station.	7/1/2022	9/1/2022	P40-1020302-01

OK DWSRF PPL SFY 2023 Project Priority List
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BIL/Base	100	Norman UA (III)	\$	16,000,000.00	\$	104,746,558.40	92,256	D	Install collection lines to bring the majority of the groundwater wells to one centralized location, storage tank, pumping station, and distribution lines.	9/1/2022	11/1/2022	P40-1010801-03
BIL/Base	100	Canadian Co. RWD #4	\$	3,500,000.00	\$	108,246,558.40	907	D	Construction of water mains, booster stations, well improvements, and water rights acquisition.	10/1/2022	12/1/2022	P40-2000930-01
BIL/Base	95	Lawton WA (V)	\$	25,000,000.00	\$	133,246,558.40	114,387	S	Design and construction of two separate water main line replacements, collectively called the Cache Road Waterline Replacement Project.	10/1/2022	12/1/2022	P40-1011303-05
BIL/Base	90	Wagoner Co. RWD #5 (V)	\$	12,770,000.00	\$	146,016,558.40	4,251	S	Construct a new 5.0 MGD process building, high service pump station, and a new chemical building.	7/1/2022	9/1/2022	P40-1021528-05
BIL	85	Fort Cobb PWA	\$	357,621.00	\$	146,374,179.40	667	S	Purchase and install new water meters, and Phase 1 waterline replacement.	10/1/2022	12/1/2022	P40-2000810-01
BIL	65	Eufaula PWA (III)	\$	800,000.00	\$	147,174,179.40	4,617	S	Construct a 0.9 MG water storage standpipe to improve water reliability.	9/1/2022	11/1/2022	P40-1020514-03
BIL	60	Arnett PFA	\$	120,000.00	\$	147,294,179.40	496	S	Replacement of aging 2 inch cast iron water mains and associated services.	7/1/2022	9/1/2022	P40-2002305-01
			Total:	<div>\$ 147,294,179.40</div>								
									\$	301,669,179.40		

2024

BIL/Base	640	Anadarko PWA (III)	\$	2,600,000.00	\$	2,600,000.00	7,604	S	Install a new baffled clearwell with new Cl2 feed system and distribution pumping.	12/1/2022	2/1/2023	P40-2020906-03
Base	370	Chickasha MA	\$	35,000,000.00	\$	37,600,000.00	16,926	S	Construction of a new water treatment plant.	2/1/2024	4/1/2024	P40-1010821-01
BilL/Base	185	Guthrie PWA (V)	\$	31,474,076.00	\$	69,074,076.00	9,925	S	Replacement of roughly fifty-five (55) miles of water distribution mains.	12/1/2022	2/1/2023	P40-1020903-05
Base	180	Mustang IA	\$	8,800,000.00	\$	77,874,076.00	15,435	N	Construction of a one (1) million-gallon elevated storage tank.	1/1/2023	3/1/2023	P40-2000922-01
Base	175	Jay UA (III)	\$	6,000,000.00	\$	83,874,076.00	2,980	S	Expansion of the existing treatment plant to 2.0 mgd including new clarifiers, filters, chemical building, and control/lab building.	7/1/2023	9/1/2023	P40-1021674-03
BIL/Base	170	Clinton PWA (II)	\$	15,000,000.00	\$	98,874,076.00	10,485	S	Construction of a water pipeline between the cities of Clinton and Weatherford.	10/1/2022	12/1/2022	P40-1010828-02
Base	100	Edmond PWA (X)	\$	222,000,000.00	\$	320,874,076.00	80,214	N	Arcadia Lake Water Treatment Plant Expansion, remaining processes (WTP-01C), new ozone generation system, new preozone pipeline contactor, three (3) new solids contact clarifiers, two (2) new post ozone contactors, eight (8) new dual media filters, new pretreatment chemical building, new posttreatment chemical building, and associated electrical, controls, yard piping, paving, and other site improvements necessary to bring the new processes online and connect to existing processes and infrastructure.	6/1/2023	8/1/2023	P40-1020723-10
BIL/Base	85	Hobart PWA	\$	20,000,000.00	\$	340,874,076.00	4,046	S	Replacing all of the water lines in the system.	9/1/2022	11/1/2022	P40-1011502-01

Base	70	Cherokee Co. RWD #11 (II)	\$	2,000,000.00	\$	342,874,076.00	3,395	S	Expansion of the water treatment plant on the existing site.	7/1/2023	9/1/2023	P40-1221637-02
BIL	70	Weatherford PWA (II)	\$	1,448,040.00	\$	344,322,116.00	10,833	S	Upgrading the meter reading system which includes approximately 5500 meters.	9/1/2022	11/1/2022	P40-2002002-02

2025

Base	60	Stillwater UA (VII)	\$	250,000,000.00	\$	250,000,000.00	53,800	S	Rehabilitate existing 36" Raw WL, add new 42" parallel Raw WL, involves major river crossings.	7/1/2024	9/1/2024	P40-1021220-07
Base	60	Stillwater UA (VIII)	\$	25,000,000.00	\$	275,000,000.00	53,800	S	Expand Raw Water Supply PS to 25 MGD.	7/1/2024	9/1/2024	P40-1021220-08
Base	60	Stillwater UA (IX)	\$	50,000,000.00	\$	325,000,000.00	53,800	S	Terminal Storage Reservoir.	7/1/2024	9/1/2024	P40-1021220-09

2030

Base	60	Stillwater UA (X)	\$	40,000,000.00	\$	40,000,000.00	53,800	S	Water line from WTP to 6th Street.	7/1/2029	9/1/2029	P40-1021220-10
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OK DWSRF PPL SFY 2023 Project Priority List
for Base and BIL General Supplemental

Requests in-house										
2030	495	Salina PWA (II)	\$	1,500,000.00	1,422	S	Demolish abandoned water treatment plant and clearwell; construct a new 10" waterline from OOWA supply line to new site at West Evanjoy Street and North Grace Street; Construct a new duplex 300 gpm pump station with standby power at new site; Construct a new 375,000 gallon water storage tank at new site; Construct new 40' x 60' maintenance and storage building; Demolish both existing water tanks at Jetton Hill Water Storage site; Construct a new 350,000 gallon storage tank at Jetton Hill site; Replace Pine Creek Pump Station No. 1 with a new 50 gpm above ground pump station w/standby power; Construct a new 50,000 gallon water tank; Construct 4" water line from old tank to new tank; Abandon and demolish Pine Crest Pump Station No. 2; Abandon and demolish Pine Crest Water Tank.	9/1/2022	11/1/2022	P40-1021603-02
	230	Guymon UA (III)	\$	20,000,000.00	11,442	S	Construct a new facility for reuse of wastewater effluent to supplement the water supply.	1/1/2023	3/1/2023	P40-2007003-03
	85	Bridgeport PWA	\$	450,000.00	109	S	Install a liner in the water tower.	7/1/2022	9/1/2022	P40-2000804-01
	220	Comanche PWA (III)	\$	602,550.00	3,259	S	Repair and refurbish two (2) towers; Raw water line replacement of the 6 inch tranmission line from the Comanche Lake Pump Station to the Water Treatment Plant.	7/1/2029	9/1/2029	P40-1011101-03
	145	Davenport UA	\$	379,400.00	881	S	Replace a pressure reducing valve an constructing a Rechloramination and Nitrification Control station.	11/1/2022	1/1/2023	P40-3004104-01
	95	Tonkawa MA (III)	\$	2,043,405.00	3,449	S	Replace 10,637 LF of waterline on Main Street in the City of Tonkawa.	7/1/2022	9/1/2022	P40-2003603-03
	250	Pawhuska PWA	\$	1,000,000.00	4,060	S	Installation of approximately 9,000 LF of 12" PVC waterline.	8/1/2022	10/1/2022	P40-1021301-01
	175	Jay UA (III)	\$	8,000,000.00	2,980	S	Expansion of the existing treatment plant to 2.0 mgd including new clarifiers, filters, chemical building, and control/lab building.	7/1/2023	9/1/2023	P40-1021674-03
	25	Jenks PWA	\$	850,000.00	16,924	N	Replacement of the 10-inch waterline crossing the Arkansas River which is no longer in service due to multiple fractures in the pipline; and develop a Water System Master Plan for the entire City of Jenks.	7/1/2022	9/1/2022	P40-3007201-01

APPENDIX D



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

News Release

For Immediate Release: June 6, 2022

Media Contact: Erin Hatfield, (405) 437.8468

DEQ to Hold a Public Meeting on the Drinking Water State Revolving Fund State Fiscal Year 2023 Intended Use Plan

A public meeting will be held by the Oklahoma Department of Environmental Quality (DEQ) to receive comments on the draft state fiscal year 2023 Drinking Water State Revolving Fund (DWSRF) Intended Use Plan and Project Priority Lists. The date of this occurrence will be Wednesday, July 6, 2022. The DWSRF Public Meeting will begin at 1:30 p.m. The public is welcome to attend in person at the DEQ, 1st Floor Multi-Purpose Room, 707 N. Robinson Avenue, Oklahoma City, OK 73102.

A copy of the **DWSRF** draft plan will be available on the DEQ website at: <https://www.deq.ok.gov/wp-content/uploads/water-division/Draft-IUP-SFY23.pdf>. A copy may also be obtained by contacting Vicki Reed by phone at (405) 702-8128, or by E-mail at 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. The comment period will remain open until July 7, 2022. For more information on this public meeting call Vicki Reed at: (405) 702-8128.

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APPENDIX E

OK DWSRF PPL SFY 2023 Project Priority List
for Lead Service Line Program IUP 7-1-2022

7/25/2022

PRIORITY POINTS	SYSTEM	LOAN AMOUNT		CUMULATIVE AMOUNT	POPULATION	Dis- advantaged Y or N	PROJECT DESCRIPTION	Anticipated Binding Commitment Date	Anticipated Construction Date	Project Number
<u>Funding List</u>										
240	Jet PWA (II)	\$	208,300.00	\$ 208,300.00	230	S	Identification, planning, design, and replacement of lead service lines.	8/1/2022	10/1/2022	P40-2000211-02
160	Frederick PWA (III)	\$	2,500,000.00	\$ 2,708,300.00	4,218	S	Identification, planning, design, and replacement of lead service lines	2/1/2023	4/1/2023	P40-1011401-03
95	Big Cabin PWA	\$	500,000.00	\$ 3,208,300.00	293	S	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-3001805-01
60	Anadarko PWA (II)	\$	1,500,000.00	\$ 4,708,300.00	7,604	S	Identification, planning, design, and replacement of lead service lines.	6/1/2023	8/1/2024	P40-1010806-02
60	Weatherford PWA	\$	30,000.00	\$ 4,738,300.00	10,833	S	Identification, planning, design, and replacement of lead service lines.	4/1/2023	6/1/2023	P40-2002002-01
60	Tulsa MUA (II)	\$	500,000.00	\$ 5,238,300.00	504,613	S	Identification, planning, design, and replacement of lead and/or galvanized service lines.	9/1/2022	11/1/2022	P40-1020418-02
60	Nowata MA (II)	\$	650,000.00	\$ 5,888,300.00	5,566	S	Identification, planning, design, and replacement of lead service lines.	9/1/2022	11/1/2022	P40-1021503-02
60	Guthrie PWA (IV)	\$	4,000,000.00	\$ 9,888,300.00	9,925	S	Identification, planning, design, and replacement of lead service lines.	10/1/2022	12/1/2022	P40-1020903-04
60	Geary UA (III)	\$	500,000.00	\$ 10,388,300.00	1,258	S	Identification, planning, design, and replacement of lead service lines.	10/1/2022	12/1/2022	P40-2000608-03
60	Ryan UA	\$	100,000.00	\$ 10,488,300.00	800	S	Identification, planning, design, and replacement of lead service lines.	7/1/2023	9/1/2023	P40-3003405-01
60	Tryon UA	\$	100,000.00	\$ 10,588,300.00	448	S	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-2004103-01
60	Claremore PWA	\$	1,900,000.00	\$ 12,488,300.00	20,043	S	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-1021512-01
60	Muskogee Co. RWD #6	\$	500,000.00	\$ 12,988,300.00	2,550	S	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-3005105-01
60	Waurika PWA	\$	690,000.00	\$ 13,678,300.00	7,890	S	Identification, planning, design, and replacement of lead service lines.	12/1/2022	2/1/2023	P40-1011201-02
60	Erick PWA	\$	360,000.00	\$ 14,038,300.00	1,023	S	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-2000502-01
60	Oilton PWA	\$	750,000.00	\$ 14,788,300.00	1,435	S	Identification, planning, design, and replacement of lead service lines.	9/1/2022	11/1/2022	P40-2001901-01
60	Waynoka UA (II)	\$	2,000,000.00	\$ 16,788,300.00	993	S	Identification, planning, design, and replacement of lead service lines.	3/1/2023	5/1/2023	P40-2007604-02
60	Cheyenne UA (II)	\$	819,550.00	\$ 17,607,850.00	778	S	Identification, planning, design, and replacement of lead service lines.	1/1/2024	3/1/2024	P40-1010803-02

APPENDIX E

OK DWSRF PPL SFY 2023 Project Priority List
for Lead Service Line Program IUP 7-1-2022

7/25/2022

60	Arnett PFA (II)	\$	120,000.00	\$	17,727,850.00	496	S	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-2002305-02
60	Indiahoma PWA (II)	\$	450,000.00	\$	18,177,850.00	350	S	Identification, planning, design, and replacement of lead service lines.	9/1/2022	11/1/2022	P40-2001609-02
60	Sayre PWA (II)	\$	2,800,000.00	\$	20,977,850.00	4,375	S	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-2000508-02
60	Marlow MA	\$	587,718.75	\$	21,565,568.75	4,600	S	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-2006907-01
60	Wewoka PWA (II)	\$	1,600,000.00	\$	23,165,568.75	4,257	S	Identification, planning, design, and replacement of lead service lines.	10/1/2022	12/1/2022	P40-1020510-02
60	Eufaula PWA (IV)	\$	8,100,000.00	\$	31,265,568.75	4,617	S	Identification, planning, design, and replacement of lead service lines.	6/1/2023	8/1/2023	P40-1020514-04
60	Geronimo PWA	\$	450,000.00	\$	31,715,568.75	1,200	S	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-3001680-01
60	Temple UA (II)	\$	450,000.00	\$	32,165,568.75	1,146	S	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-1011306-02
60	Wanette PWA	\$	387,500.00	\$	32,553,068.75	402	S	Identification, planning, design, and replacement of lead service lines.	11/1/2022	1/1/2023	P40-3006310-01
60	Tonkawa MA (II)	\$	120,000.00	\$	32,673,068.75	3,449	S	Identification, planning, design, and replacement of lead service lines.	11/1/2022	1/1/2023	P40-2003603-02
60	Bokchito PUA	\$	150,000.00	\$	32,823,068.75	564	S	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-2000704-01
60	Comanche PWA (II)	\$	60,000.00	\$	32,883,068.75	3,259	S	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-1011101-02
60	Heavener UA	\$	1,240,000.00	\$	34,123,068.75	3,300	S	Identification, planning, design, and replacement of lead service lines.	12/1/2022	2/1/2023	P40-1020101-01
60	Norman UA (IV)	\$	3,000,000.00	\$	37,123,068.75	92,256	S	Identification, planning, design, and replacement of lead service lines.	1/1/2023	3/1/2023	P40-1020801-04
60	Enid MA (VI)	\$	26,926,943.00	\$	64,050,011.75	52,650	S	Identification, planning, design, and replacement of lead service lines.	4/15/2022	6/15/2022	P40-2002412-05
40	Sterling PWA	\$	450,000.00	\$	64,500,011.75	762	D	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-2001601-01
40	Francis PWA	\$	1,578,517.00	\$	66,078,528.75	390	D	Identification, planning, design, and replacement of lead service lines.	9/1/2022	11/1/2022	P40-2006205-01
40	OKC WUT (XI)	\$	1,750,000.00	\$	67,828,528.75	1,114,000	D	Identification, planning, design, and replacement of lead service lines.	10/1/2022	12/1/2022	P40-1020902-11
40	Bryan Co. RWS & SWMD #2 (VII)	\$	4,436,300.00	\$	72,264,828.75	8,656	S	Identification, planning, design, and replacement of 50% of customer service lines.	12/1/2022	2/1/2023	P40-1010604-07
40	Cherokee Co. RWD #16	\$	321,800.00	\$	72,586,628.75	1,002	D	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-1021727-01
40	Rogers Co. RWD #5 (II)	\$	1,060,170.00	\$	73,646,798.75	12,800	D	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-1021507-02
40	Pond Creek PWA	\$	450,000.00	\$	74,096,798.75	1,182	D	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-2002702-01
Total:			\$	74,096,798.75							

Requests in-house									
Being Ranked	Murray Co. RWD #1	\$	3,562,200.00	5,805	D	Identification, planning, design, and replacement of lead service lines.	4/1/2026	6/1/2026	P40-2005012-01
Being Ranked	Maud MA	\$	40,000.00	1,136	S	Identification, planning, design, and replacement of lead service lines.	7/1/2022	9/1/2022	P40-2006302-01

APPENDIX F

OK DWSRF PPL SFY 2023 Project Priority List
for Emerging Contaminants Program IUP 7-1-2022

7/26/2022

PRIORITY POINTS	SYSTEM	LOAN AMOUNT	CUMULATIVE AMOUNT	POPULATION	Dis-advantaged Y or N	PROJECT DESCRIPTION	Anticipated Binding Commitment Date	Anticipated Construction Date	Project Number
<u>Funding List</u>									
350	Konawa PWA	\$ 2,100,000.00	\$ 2,100,000.00	1,479	S	Drill 4 wells north of Konawa where the source water quality is much better than the current wells, and if the capacity of the aquifer is not sufficient to meet the needs of the City, a second alternative is to drill 3 new wells near the existing wells and the addition of an iron and manganese removal plant.	1/1/2023	3/1/2023	P40-2006704-01
260	Garfield Co. RWD #6	\$ 1,600,000.00	\$ 3,700,000.00	1,430	S	Install iron and manganese treatment system, line extension and booster station.	10/1/2021	12/1/2021	P40-2002415-01
185	Osage Co. RWD #21 (II)	\$ 1,100,000.00	\$ 4,800,000.00	1,575	D	Modification of the existing water treatment plant to include the addition of a clarifier, and upgrade of filters and membrane system necessary to provide potable water low in iron and manganese.	1/1/2023	3/1/2023	P40-2003616-02
Total:		\$ 4,800,000.00							

Oklahoma Water Resources Board
Drinking Water SRF - Cash Flow & Capacity Analysis (August 2023)
Projected Future Program Cashflows

Summary of Assumed Drinking Water Funding Capacity

Fiscal Year	(1) Bonds Sold	Costs of Issuance @ 1.00%	Net Bond Funded Loans	(2) Recycling Federal Cap Grants	(3) Assumed State Match	(4) Transfer from Clean Water	Total Direct Loans	(5) Recycled Loans	Total Loans Funded in Program	Principal Forgiveness Loans	Total Annual Loan Funding	Cumulative Program Loans Originated Since FY2010
2010	94,460,000	721,697	87,330,040	10,305,033	2,630,200	4,339,830	17,275,063	34,500,000	139,105,103	32,219,168	171,324,271	171,324,271
2011	57,910,000	592,313	55,425,946	12,549,363	3,372,600	4,339,830	20,261,793	27,462,694	103,150,433	5,058,900	108,209,333	279,533,604
2012	49,395,000	455,652	53,776,570	7,651,933	2,340,200	2,500,000	12,492,133	6,789,719	73,058,422	3,454,500	76,512,922	356,046,526
2013	76,915,000	709,247	44,345,175	6,522,668	2,230,200	-	8,752,868	-	53,098,042	2,230,200	55,328,242	411,374,769
2014	-	-	-	6,746,910	2,092,600	-	8,839,510	-	8,839,510	2,092,600	10,932,110	422,306,879
2015	-	-	-	6,982,990	2,850,200	-	9,833,190	-	9,833,190	2,850,200	12,683,390	434,990,269
2016	-	-	-	7,386,930	2,831,400	-	10,218,330	-	10,218,330	2,381,400	12,599,730	447,589,999
2017	-	-	-	6,483,910	2,655,800	-	9,139,710	-	9,139,710	2,678,600	11,818,310	459,408,309
2018	80,055,000	656,397	87,344,200	6,506,710	2,655,800	-	9,162,510	-	96,506,710	2,655,800	99,162,510	558,570,819
2019	-	-	-	7,716,030	3,149,400	-	10,865,430	-	10,865,430	3,149,400	14,014,830	572,585,649
2020	-	-	-	7,644,000	3,120,000	15,000,000	25,764,000	-	25,764,000	3,120,000	28,884,000	601,469,649
2021	95,000,000	723,866	107,542,420	7,648,900	3,122,000	-	10,770,900	-	118,313,320	3,122,000	121,435,320	722,904,969
2022	199,000,000	1,148,177	227,394,131	22,979,029	4,537,800	-	27,516,829	-	254,910,960	15,082,020	269,992,980	992,897,949
2023	175,000,000	812,175	169,194,525	18,188,909	4,000,000	-	22,188,909	-	191,383,434	16,985,325	208,368,759	1,201,266,708
2024	160,000,000	1,600,000	150,693,401	9,191,881	7,706,599	-	16,898,480	40,141,300	207,733,181	17,395,885	225,129,066	1,426,395,774
2025	160,000,000	1,600,000	150,159,481	17,764,201	8,240,519	-	26,004,720	19,089,000	195,253,201	18,703,989	213,957,190	1,640,352,964
2026	80,000,000	800,000	70,959,481	17,764,201	8,240,519	-	26,004,720	16,808,800	113,773,001	18,703,989	132,476,990	1,772,829,954
2027	38,000,000	380,000	36,328,450	2,776,833	1,291,550	-	4,068,383	18,572,800	58,969,633	1,679,015	60,648,648	1,833,478,601
2028	38,000,000	380,000	36,328,450	2,776,833	1,291,550	-	4,068,383	19,682,100	60,078,933	1,679,015	61,757,948	1,895,236,549
2029	38,000,000	380,000	37,620,000	-	-	-	-	20,502,600	58,122,600	-	58,122,600	1,953,359,149
2030	38,000,000	380,000	37,620,000	-	-	-	-	20,966,000	58,586,000	-	58,586,000	2,011,945,149
2031	38,000,000	380,000	37,620,000	-	-	-	-	21,458,900	59,078,900	-	59,078,900	2,071,024,049
2032	38,000,000	380,000	37,620,000	-	-	-	-	21,964,100	59,584,100	-	59,584,100	2,130,608,149
2033	11,510,000	115,100	11,394,900	-	-	-	-	22,518,500	33,913,400	-	33,913,400	2,164,521,549
2034	-	-	-	-	-	-	-	-	-	-	-	-
	1,467,245,000	12,214,624	1,438,697,171	185,587,264	68,358,936	26,179,660	280,125,861	290,456,513	2,009,279,544	155,242,005	2,164,521,549	

- (1) All Bonds assumed to be 30 yr w/ approx. level debt service & structured to reflect an average coverage of 1.40x. See underlying schedules for detailed bond rates and amorts.
- (2) Federal Cap Grants including transfers from Clean Water less Set-Asides and Principal Forgiveness funds. See additional schedules for details.
- (3) State Match funded with bond proceeds. Assumed at 20% of available Cap Grant.
- (4) In Fiscal Year 2020, \$30 million was approved but only \$15 million was transferred.
- (5) Recycled loans are originated with existing cash balances and excess Revenue Funds, after bond debt service has been paid.

Note: All Future Loans assume 30% subsidy, 30 year level structure. See underlying schedules for detailed cash flow analysis.

Proof of Perpetuity:	
To-Date Capitalization to Preserve:	370,296,525
Future Grant Transfers from CWSRF	-
Assumed Future DW Capitalization:	77,044,685
Total Preservation Requirement:	447,341,211
Equity Fund Balance 4/1/2062	607,084,165
Perpetuity Excess/(Shortfall):	159,742,955

Historical Bond Issuances:		
Series	Delivery	Par Sold
2003	10/29/03	122,910,000
2004	10/26/04	83,405,000
2010	01/13/10	94,460,000
2011	04/03/11	57,910,000
2012	06/12/12	49,395,000
2013A	09/19/13	41,410,000
2013B (Ref)	09/19/13	35,505,000
2016	10/19/16	90,000,000
2018	03/22/18	80,055,000
2019 (Ref)	12/19/19	28,210,000
2020	10/22/20	95,000,000
2021	12/21/21	199,000,000
2023	05/18/23	175,000,000
Total:		1,152,260,000

Oklahoma Water Resources Board
Drinking Water SRF - Cash Flow & Capacity Analysis (August 2023)
Projected Future Program Cashflows

Projected Cashflow & Coverage Schedule

Date	Less:																	
	Existing DW Debt Service	2013 Bond Debt Service Savings	Refunding Adjusted Debt Service	Plus: FUTURE DS	Total Net Debt Service	DSRF Earnings	Revenue Fund Earnings	Total Earnings	Existing & Projected DW Loan P&I	Less 50% Allocated Savings	FUTURE Loans	Total Loan P& I	Total Annual Revenues	Excess Annual Revenues	Transfer (to)/from Program Equity	DSRF Release	Total Funds To Pay Debt Service	Annual Coverage
04/01/23	-		-	-	-	-	-	-	-		-	-	-	-	-	-	-	
04/01/24	43,962,302		43,962,302	-	43,962,302	198,080	-	198,080	51,566,751		-	51,566,751	51,764,831	7,802,529	(7,802,529)	2,517,461	54,282,292	1.23x
04/01/25	46,104,522		46,104,522	4,666,667	50,771,188	75,449	0	75,449	57,389,479		3,931,054	61,320,533	61,395,982	10,624,794	(10,624,794)	8,464,176	69,860,158	1.38x
04/01/26	42,130,908		42,130,908	14,000,000	56,130,908	-	0	0	57,772,963		15,166,743	72,939,707	72,939,707	16,808,799	(16,808,799)	-	72,939,707	1.30x
04/01/27	40,624,905		40,624,905	23,700,000	64,324,905	-	0	0	58,540,695		24,357,016	82,897,712	82,897,712	18,572,806	(18,572,806)	-	82,897,712	1.29x
04/01/28	40,966,511		40,966,511	26,775,000	67,741,511	-	0	0	58,223,600		29,200,061	87,423,662	87,423,662	19,682,151	(19,682,151)	-	87,423,662	1.29x
04/01/29	40,590,678		40,590,678	29,355,750	69,946,428	-	0	0	57,947,222		32,501,783	90,449,005	90,449,006	20,502,577	(20,502,577)	-	90,449,006	1.29x
04/01/30	39,920,709		39,920,709	31,778,500	71,699,209	-	0	0	57,078,299		35,586,870	92,665,169	92,665,170	20,965,960	(20,965,960)	-	92,665,170	1.29x
04/01/31	39,382,831		39,382,831	33,983,750	73,366,581	-	0	0	56,070,322		38,755,183	94,825,505	94,825,505	21,458,924	(21,458,924)	-	94,825,505	1.29x
04/01/32	37,795,872		37,795,872	37,150,250	74,946,122	-	0	0	54,961,036		41,949,208	96,910,244	96,910,244	21,964,122	(21,964,122)	-	96,910,244	1.29x
04/01/33	36,695,918		36,695,918	39,888,250	76,584,168	-	0	0	53,932,403		45,170,247	99,102,650	99,102,651	22,518,483	(22,518,483)	-	99,102,651	1.29x
04/01/34	36,177,904		36,177,904	41,491,625	77,669,529	-	0	0	53,487,913		48,409,914	101,897,827	101,897,827	24,228,299	(24,228,299)	-	101,897,827	1.31x
04/01/35	35,707,891		35,707,891	41,699,750	77,407,641	-	121,142	121,142	52,838,362		50,606,859	103,445,221	103,566,363	26,158,721	(26,158,721)	-	103,566,363	1.34x
04/01/36	35,408,021		35,408,021	41,145,000	76,553,021	-	252,541	252,541	51,589,009		50,606,859	102,195,868	102,448,409	25,895,388	(25,895,388)	-	102,448,409	1.34x
04/01/37	35,279,990		35,279,990	41,235,500	76,515,490	-	383,281	383,281	51,409,419		50,606,859	102,016,278	102,399,558	25,884,069	(25,884,069)	-	102,399,558	1.34x
04/01/38	35,378,808		35,378,808	41,338,750	76,717,558	-	514,617	514,617	51,540,579		50,606,859	102,147,438	102,662,055	25,944,497	(25,944,497)	-	102,662,055	1.34x
04/01/39	35,228,406		35,228,406	41,397,250	76,625,656	-	646,913	646,913	51,288,729		50,606,859	101,895,588	102,542,501	25,916,846	(25,916,846)	-	102,542,501	1.34x
04/01/40	33,956,273		33,956,273	40,866,250	74,822,523	-	779,732	779,732	48,796,274		50,606,859	99,403,133	100,182,864	25,360,341	(25,360,341)	-	100,182,864	1.34x
04/01/41	32,867,494		32,867,494	41,428,250	74,295,744	-	910,432	910,432	47,980,004		50,606,859	98,586,863	99,497,295	25,201,552	(25,201,552)	-	99,497,295	1.34x
04/01/42	29,607,206		29,607,206	42,813,000	72,420,206	-	1,040,992	1,040,992	45,396,487		50,606,859	96,003,346	97,044,338	24,624,132	(24,624,132)	-	97,044,338	1.34x
04/01/43	28,744,069	-	28,744,069	43,491,000	72,235,069	-	1,169,318	1,169,318	45,025,083		50,606,859	95,631,942	96,801,260	24,566,191	(24,566,191)	-	96,801,260	1.34x
04/01/44	29,994,581	-	29,994,581	41,537,000	71,531,581	-	1,297,995	1,297,995	43,974,201		50,606,859	94,581,060	95,879,055	24,347,474	(24,347,474)	-	95,879,055	1.34x
04/01/45	29,673,844	-	29,673,844	41,618,500	71,292,344	-	1,426,223	1,426,223	43,535,977		50,606,859	94,142,836	95,569,059	24,276,715	(24,276,715)	-	95,569,059	1.34x
04/01/46	29,891,044	-	29,891,044	41,731,000	71,622,044	-	1,554,737	1,554,737	43,834,140		50,606,859	94,440,999	95,995,736	24,373,693	(24,373,693)	-	95,995,736	1.34x
04/01/47	28,803,844	-	28,803,844	41,750,250	70,554,094	-	1,684,379	1,684,379	42,305,094		50,606,859	92,911,953	94,596,333	24,042,239	(24,042,239)	-	94,596,333	1.34x
04/01/48	26,372,644	-	26,372,644	41,683,000	68,055,644	-	1,813,013	1,813,013	38,916,556		50,606,859	89,523,415	91,336,427	23,280,783	(23,280,783)	-	91,336,427	1.34x
04/01/49	24,675,694	-	24,675,694	41,650,750	66,326,444	-	1,938,482	1,938,482	36,523,443		50,606,859	87,130,302	89,068,783	22,742,339	(22,742,339)	-	89,068,783	1.34x
04/01/50	21,349,200	-	21,349,200	41,454,000	62,803,200	-	2,061,886	2,061,886	31,798,053		50,606,859	82,404,912	84,466,797	21,663,597	(21,663,597)	-	84,466,797	1.34x
04/01/51	17,176,519	-	17,176,519	41,278,000	58,454,519	-	2,180,513	2,180,513	25,997,176		50,606,859	76,604,035	78,784,548	20,330,029	(20,330,029)	-	78,784,548	1.35x
04/01/52	16,373,081	-	16,373,081	41,299,000	57,672,081	-	2,293,066	2,293,066	24,861,920		50,606,859	75,468,779	77,761,845	20,089,764	(20,089,764)	-	77,761,845	1.35x
04/01/53	12,338,813	-	12,338,813	40,919,250	53,258,063	-	2,404,980	2,404,980	18,977,539		50,606,859	69,584,398	71,989,378	18,731,316	(18,731,316)	-	71,989,378	1.35x
04/01/54	-	-	-	44,540,250	44,540,250	-	2,510,661	2,510,661	7,480,352		50,606,859	58,087,211	60,597,872	16,057,622	(16,057,622)	-	60,597,872	1.36x
04/01/55	-	-	-	44,229,250	44,229,250	-	2,603,503	2,603,503	6,979,373		50,606,859	57,586,232	60,189,735	15,960,485	(15,960,485)	-	60,189,735	1.36x
04/01/56	-	-	-	30,315,000	30,315,000	-	2,696,323	2,696,323	-		39,312,129	39,312,129	42,008,452	11,693,452	(11,693,452)	-	42,008,452	1.39x
04/01/57	-	-	-	22,474,000	22,474,000	-	2,768,272	2,768,272	-		28,695,953	28,695,953	31,464,224	8,990,224	(8,990,224)	-	31,464,224	1.40x
04/01/58	-	-	-	18,097,750	18,097,750	-	2,827,064	2,827,064	-		22,509,963	22,509,963	25,337,027	7,239,277	(7,239,277)	-	25,337,027	1.40x
04/01/59	-	-	-	15,684,500	15,684,500	-	2,877,396	2,877,396	-		19,082,502	19,082,502	21,959,898	6,275,398	(6,275,398)	-	21,959,898	1.40x
04/01/60	-	-	-	13,544,750	13,544,750	-	2,923,160	2,923,160	-		16,037,134	16,037,134	18,960,294	5,415,544	(5,415,544)	-	18,960,294	1.40x
04/01/61	-	-	-	11,319,000	11,319,000	-	2,964,853	2,964,853	-		12,876,931	12,876,931	15,841,784	4,522,784	(4,522,784)	-	15,841,784	1.40x
04/01/62	-	-	-	9,070,250	9,070,250	-	3,002,292	3,002,292	-		9,691,532	9,691,532	12,693,824	3,623,574	(3,623,574)	-	12,693,824	1.40x
04/01/63	-	-	-	6,798,750	6,798,750	-	3,035,421	3,035,421	-		6,479,334	6,479,334	9,514,755	2,716,005	(2,716,005)	-	9,514,755	1.40x
04/01/64	-	-	-	-	-	-	3,064,178	3,064,178	-		3,239,667	3,239,667	6,303,845	6,303,845	(6,303,845)	-	6,303,845	
04/01/65	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	
04/01/66	-	-	-	-	-	-	-	-	-		-	-	-	-	-</			

Oklahoma Water Resources Board
Drinking Water SRF - Cash Flow & Capacity Analysis (August 2023)
Projected Future Program Cashflows

Program Equity Fund

Date	Beginning Balance	Interest @ 0.50%	DSRF Release	Max Amount Available for D/S If Defaults Occur	Transfer From/(To) Revenue Fund	New Loan Origination	Ending Balance
04/01/20							
04/01/21	-	-					
04/01/22							
04/01/23							29,821,370
04/01/24	29,821,370	-	2,517,461	32,338,831	7,802,529	(40,141,300)	60
04/01/25	60	0	8,464,176	8,464,236	10,624,794	(19,089,000)	30
04/01/26	30	0	-	30	16,808,799	(16,808,800)	29
04/01/27	29	0		29	18,572,806	(18,572,800)	36
04/01/28	36	0		36	19,682,151	(19,682,100)	87
04/01/29	87	0		87	20,502,577	(20,502,600)	64
04/01/30	64	0		65	20,965,960	(20,966,000)	25
04/01/31	25	0		25	21,458,924	(21,458,900)	49
04/01/32	49	0		50	21,964,122	(21,964,100)	71
04/01/33	71	0		72	22,518,483	(22,518,500)	55
04/01/34	55	0		55	24,228,299	-	24,228,354
04/01/35	24,228,354	121,142		24,349,495	26,158,721	-	50,508,217
04/01/36	50,508,217	252,541		50,760,758	25,895,388	-	76,656,146
04/01/37	76,656,146	383,281		77,039,427	25,884,069	-	102,923,495
04/01/38	102,923,495	514,617		103,438,113	25,944,497	-	129,382,610
04/01/39	129,382,610	646,913		130,029,523	25,916,846	-	155,946,369
04/01/40	155,946,369	779,732		156,726,101	25,360,341	-	182,086,442
04/01/41	182,086,442	910,432		182,996,874	25,201,552	-	208,198,426
04/01/42	208,198,426	1,040,992		209,239,418	24,624,132	-	233,863,550
04/01/43	233,863,550	1,169,318		235,032,868	24,566,191	-	259,599,059
04/01/44	259,599,059	1,297,995		260,897,055	24,347,474	-	285,244,528
04/01/45	285,244,528	1,426,223		286,670,751	24,276,715	-	310,947,466
04/01/46	310,947,466	1,554,737		312,502,203	24,373,693	-	336,875,896
04/01/47	336,875,896	1,684,379		338,560,275	24,042,239	-	362,602,514
04/01/48	362,602,514	1,813,013		364,415,527	23,280,783	-	387,696,310
04/01/49	387,696,310	1,938,482		389,634,792	22,742,339	-	412,377,131
04/01/50	412,377,131	2,061,886		414,439,017	21,663,597	-	436,102,614
04/01/51	436,102,614	2,180,513		438,283,127	20,330,029	-	458,613,156
04/01/52	458,613,156	2,293,066		460,906,222	20,089,764	-	480,995,986
04/01/53	480,995,986	2,404,980		483,400,966	18,731,316	-	502,132,281
04/01/54	502,132,281	2,510,661		504,642,943	16,057,622	-	520,700,565
04/01/55	520,700,565	2,603,503		523,304,067	15,960,485	-	539,264,553
04/01/56	539,264,553	2,696,323		541,960,875	11,693,452	-	553,654,327
04/01/57	553,654,327	2,768,272		556,422,599	8,990,224	-	565,412,823
04/01/58	565,412,823	2,827,064		568,239,888	7,239,277	-	575,479,165
04/01/59	575,479,165	2,877,396		578,356,561	6,275,398	-	584,631,959
04/01/60	584,631,959	2,923,160		587,555,119	5,415,544	-	592,970,663
04/01/61	592,970,663	2,964,853		595,935,516	4,522,784	-	600,458,300
04/01/62	600,458,300	3,002,292		603,460,592	3,623,574	-	607,084,165
04/01/63	607,084,165	3,035,421		610,119,586	2,716,005	-	612,835,591
04/01/64	612,835,591	3,064,178		615,899,769	6,303,845	-	622,203,614
04/01/65	622,203,614	3,111,018		625,314,632	-	-	625,314,632
04/01/66	625,314,632	-		625,314,632	-	-	625,314,632
04/01/67	625,314,632	-		625,314,632	-	-	625,314,632
04/01/68	625,314,632	-		625,314,632	-	-	625,314,632
04/01/69	625,314,632	-		625,314,632	-	-	625,314,632
04/01/70	625,314,632	-		625,314,632	-	-	625,314,632
04/01/71	625,314,632	-		625,314,632	-	-	625,314,632
04/01/72	625,314,632	-		625,314,632	-	-	625,314,632
04/01/73	625,314,632	-		625,314,632	-	-	625,314,632
04/01/74	625,314,632	-		625,314,632	-	-	625,314,632
04/01/75	625,314,632	-		625,314,632	-	-	625,314,632
04/01/76	625,314,632	-		625,314,632	-	-	625,314,632
04/01/77	625,314,632	-		625,314,632	-	-	625,314,632
	24,474,244		10,981,637		658,559,130	(221,704,100)	

Oklahoma Water Resources Board
Drinking Water Program

Projected Future Recycled Loans

Fiscal Year:	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
	1	2	3	4	5	6	7	8	9	10	
Principal:	\$40,141,300	\$19,089,000	\$16,808,800	\$18,572,800	\$19,682,100	\$20,502,600	\$20,966,000	\$21,458,900	\$21,964,100	\$21,964,100	221,149,700
Rate:	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	Projected
First Interest	10/01/24	10/01/25	10/01/26	10/01/27	10/01/28	10/01/29	10/01/30	10/01/31	10/01/32	10/01/33	Drinking Water
First Principal	04/01/26	04/01/27	04/01/28	04/01/29	04/01/30	04/01/31	04/01/32	04/01/33	04/01/34	04/01/35	Recycled
Last Payment:	04/01/55	04/01/56	04/01/57	04/01/58	04/01/59	04/01/60	04/01/61	04/01/62	04/01/63	04/01/64	Loans
Pmt Periods	32	32	32	32	32	32	32	32	32	32	
Date	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Total Debt Service
04/01/22	-	-	-	-	-	-	-	-	-	-	-
04/01/23	-	-	-	-	-	-	-	-	-	-	-
04/01/24	-	-	-	-	-	-	-	-	-	-	-
04/01/25	702,473	-	-	-	-	-	-	-	-	-	702,473
04/01/26	2,182,536	334,058	-	-	-	-	-	-	-	-	2,516,593
04/01/27	2,182,536	1,037,894	294,154	-	-	-	-	-	-	-	3,514,584
04/01/28	2,182,536	1,037,894	913,917	325,024	-	-	-	-	-	-	4,459,371
04/01/29	2,182,536	1,037,894	913,917	1,009,828	344,437	-	-	-	-	-	5,488,612
04/01/30	2,182,536	1,037,894	913,917	1,009,828	1,070,142	358,796	-	-	-	-	6,573,112
04/01/31	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	366,905	-	-	-	7,695,976
04/01/32	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	375,531	-	-	8,844,551
04/01/33	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	384,372	-	10,020,141
04/01/34	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	384,372	11,214,358
04/01/35	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/36	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/37	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/38	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/39	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/40	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/41	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/42	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/43	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/44	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/45	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/46	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/47	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/48	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/49	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/50	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/51	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/52	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/53	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/54	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/55	2,182,536	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	12,024,204
04/01/56	-	1,037,894	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	9,841,668
04/01/57	-	-	913,917	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	8,803,773
04/01/58	-	-	-	1,009,828	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	7,889,857
04/01/59	-	-	-	-	1,070,142	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	6,880,029
04/01/60	-	-	-	-	-	1,114,754	1,139,949	1,166,749	1,194,217	1,194,217	5,809,887
04/01/61	-	-	-	-	-	-	1,139,949	1,166,749	1,194,217	1,194,217	4,695,133
	66,178,551	31,470,888	27,711,659	30,619,860	32,448,696	33,801,405	34,565,385	35,378,000	36,210,893	36,210,893	364,596,230

Oklahoma Water Resources Board
Drinking Water Program

Projected Future Recycled Loans

Fiscal Year:	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Projected Drinking Water Recycled Loans
	1	2	3	4	5	6	7	8	9	10	
Principal:	40,141,300	19,089,000	16,808,800	18,572,800	19,682,100	20,502,600	20,966,000	21,458,900	21,964,100	21,964,100	
Rate:	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	
First Interest	10/01/24	10/01/25	10/01/26	10/01/27	10/01/28	10/01/29	10/01/30	10/01/31	10/01/32	10/01/33	
First Principal	04/01/26	04/01/27	04/01/28	04/01/29	04/01/30	04/01/31	04/01/32	04/01/33	04/01/34	04/01/35	
Last Payment:	04/01/55	04/01/56	04/01/57	04/01/58	04/01/59	04/01/60	04/01/61	04/01/62	04/01/63	04/01/64	Total Principal
Pmt Periods	32	32	32	32	32	32	32	32	32	32	
Date	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	
04/01/22	-	-	-	-	-	-	-	-	-	-	-
04/01/23	-	-	-	-	-	-	-	-	-	-	-
04/01/24	-	-	-	-	-	-	-	-	-	-	-
04/01/25	-	-	-	-	-	-	-	-	-	-	-
04/01/26	777,590	-	-	-	-	-	-	-	-	-	777,590
04/01/27	804,806	369,779	-	-	-	-	-	-	-	-	1,174,585
04/01/28	832,974	382,722	325,609	-	-	-	-	-	-	-	1,541,305
04/01/29	862,128	396,117	337,005	359,780	-	-	-	-	-	-	1,955,030
04/01/30	892,303	409,981	348,800	372,372	381,268	-	-	-	-	-	2,404,725
04/01/31	923,534	424,330	361,008	385,405	394,613	397,163	-	-	-	-	2,886,053
04/01/32	955,857	439,182	373,644	398,894	408,424	411,063	406,139	-	-	-	3,393,204
04/01/33	989,312	454,553	386,721	412,856	422,719	425,451	420,354	415,687	-	-	3,927,654
04/01/34	1,023,938	470,463	400,256	427,306	437,514	440,341	435,067	430,237	425,474	-	4,490,595
04/01/35	1,059,776	486,929	414,265	442,261	452,827	455,753	450,294	445,295	440,365	425,474	5,073,240
04/01/36	1,096,868	503,971	428,765	457,740	468,676	471,705	466,054	460,880	455,778	440,365	5,250,804
04/01/37	1,135,258	521,610	443,771	473,761	485,080	488,214	482,366	477,011	471,730	455,778	5,434,582
04/01/38	1,174,993	539,867	459,303	490,343	502,058	505,302	499,249	493,706	488,241	471,730	5,624,792
04/01/39	1,216,117	558,762	475,379	507,505	519,630	522,987	516,723	510,986	505,329	488,241	5,821,660
04/01/40	1,258,681	578,319	492,017	525,268	537,817	541,292	534,808	528,871	523,016	505,329	6,025,418
04/01/41	1,302,735	598,560	509,238	543,652	556,640	560,237	553,526	547,381	541,322	523,016	6,236,307
04/01/42	1,348,331	619,509	527,061	562,680	576,123	579,845	572,900	566,539	560,268	541,322	6,454,578
04/01/43	1,395,523	641,192	545,508	582,374	596,287	600,140	592,951	586,368	579,877	560,268	6,680,488
04/01/44	1,444,366	663,634	564,601	602,757	617,157	621,145	613,704	606,891	600,173	579,877	6,914,306
04/01/45	1,494,919	686,861	584,362	623,853	638,758	642,885	635,184	628,132	621,179	600,173	7,156,306
04/01/46	1,547,241	710,901	604,815	645,688	661,114	665,386	657,416	650,117	642,920	621,179	7,406,777
04/01/47	1,601,394	735,783	625,983	668,287	684,253	688,675	680,425	672,871	665,422	642,920	7,666,014
04/01/48	1,657,443	761,535	647,893	691,677	708,202	712,778	704,240	696,422	688,712	665,422	7,934,325
04/01/49	1,715,454	788,189	670,569	715,886	732,989	737,725	728,888	720,796	712,817	688,712	8,212,026
04/01/50	1,775,494	815,776	694,039	740,942	758,644	763,546	754,399	746,024	737,766	712,817	8,499,447
04/01/51	1,837,637	844,328	718,330	766,875	785,196	790,270	780,803	772,135	763,588	737,766	8,796,928
04/01/52	1,901,954	873,879	743,472	793,716	812,678	817,929	808,132	799,160	790,313	763,588	9,104,820
04/01/53	1,968,522	904,465	769,493	821,496	841,122	846,557	836,416	827,130	817,974	790,313	9,423,489
04/01/54	2,037,421	936,121	796,426	850,248	870,561	876,186	865,691	856,080	846,603	817,974	9,753,311
04/01/55	2,108,730	968,885	824,301	880,007	901,031	906,853	895,990	886,043	876,234	846,603	10,094,677
04/01/56	-	1,002,796	853,151	910,807	932,567	938,593	927,350	917,054	906,902	876,234	8,265,454
04/01/57	-	-	883,011	942,685	965,207	971,443	959,807	949,151	938,644	906,902	7,516,851
04/01/58	-	-	-	975,679	998,989	1,005,444	993,400	982,371	971,497	938,644	6,866,024
04/01/59	-	-	-	-	1,033,954	1,040,634	1,028,169	1,016,754	1,005,499	971,497	6,096,507
04/01/60	-	-	-	-	-	1,077,057	1,064,155	1,052,341	1,040,691	1,005,499	5,239,743
04/01/61	-	-	-	-	-	-	1,101,400	1,089,173	1,077,116	1,040,691	4,308,380
	40,141,300	19,089,000	16,808,800	18,572,800	19,682,100	20,502,600	20,966,000	21,458,900	21,964,100	21,964,100	221,149,700

Oklahoma Water Resources Board
Drinking Water Program

Projected Future Recycled Loans

Fiscal Year:	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
	1	2	3	4	5	6	7	8	9	10	
Principal:	40,141,300	19,089,000	16,808,800	18,572,800	19,682,100	20,502,600	20,966,000	21,458,900	21,964,100	21,964,100	
Rate:	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	
First Interest	10/01/24	10/01/25	10/01/26	10/01/27	10/01/28	10/01/29	10/01/30	10/01/31	10/01/32	10/01/33	
First Principal	04/01/26	04/01/27	04/01/28	04/01/29	04/01/30	04/01/31	04/01/32	04/01/33	04/01/34	04/01/35	
Last Payment:	04/01/55	04/01/56	04/01/57	04/01/58	04/01/59	04/01/60	04/01/61	04/01/62	04/01/63	04/01/64	
Pmt Periods	32	32	32	32	32	32	32	32	32	32	
											Projected Drinking Water Recycled Loans
Date	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Total Interest
04/01/22	-	-	-	-	-	-	-	-	-	-	-
04/01/23	-	-	-	-	-	-	-	-	-	-	-
04/01/24	-	-	-	-	-	-	-	-	-	-	-
04/01/25	702,473	-	-	-	-	-	-	-	-	-	702,473
04/01/26	1,404,946	334,058	-	-	-	-	-	-	-	-	1,739,003
04/01/27	1,377,730	668,115	294,154	-	-	-	-	-	-	-	2,339,999
04/01/28	1,349,562	655,173	588,308	325,024	-	-	-	-	-	-	2,918,066
04/01/29	1,320,408	641,777	576,912	650,048	344,437	-	-	-	-	-	3,533,581
04/01/30	1,290,233	627,913	565,117	637,456	688,874	358,796	-	-	-	-	4,168,388
04/01/31	1,259,002	613,564	552,908	624,423	675,529	717,591	366,905	-	-	-	4,809,923
04/01/32	1,226,679	598,712	540,273	610,933	661,718	703,690	733,810	375,531	-	-	5,451,347
04/01/33	1,193,224	583,341	527,196	596,972	647,423	689,303	719,595	751,062	384,372	-	6,092,487
04/01/34	1,158,598	567,432	513,660	582,522	632,628	674,412	704,883	736,512	768,744	384,372	6,723,763
04/01/35	1,122,760	550,966	499,651	567,567	617,315	659,000	689,655	721,454	753,852	768,744	6,950,964
04/01/36	1,085,668	533,923	485,152	552,087	601,466	643,049	673,895	705,869	738,439	753,852	6,773,400
04/01/37	1,047,277	516,284	470,145	536,066	585,062	626,539	657,583	689,738	722,487	738,439	6,589,622
04/01/38	1,007,543	498,028	454,613	519,485	568,084	609,452	640,700	673,043	705,976	722,487	6,399,412
04/01/39	966,419	479,132	438,538	502,323	550,512	591,766	623,227	655,763	688,888	705,976	6,202,544
04/01/40	923,855	459,576	421,900	484,560	532,325	573,462	605,141	637,878	671,201	688,888	5,998,786
04/01/41	879,801	439,335	404,679	466,176	513,502	554,517	586,423	619,368	652,896	671,201	5,787,896
04/01/42	834,205	418,385	386,856	447,148	494,019	534,908	567,050	600,210	633,950	652,896	5,569,625
04/01/43	787,013	396,702	368,408	427,454	473,855	514,614	546,998	580,381	614,340	633,950	5,343,715
04/01/44	738,170	374,260	349,316	407,071	452,985	493,609	526,245	559,858	594,044	614,340	5,109,898
04/01/45	687,617	351,033	329,555	385,975	431,384	471,869	504,765	538,617	573,038	594,044	4,867,897
04/01/46	635,295	326,993	309,102	364,140	409,028	449,368	482,534	516,632	551,297	573,038	4,617,427
04/01/47	581,142	302,112	287,933	341,541	385,889	426,079	459,524	493,878	528,795	551,297	4,358,190
04/01/48	525,093	276,359	266,024	318,151	361,940	401,976	435,709	470,327	505,505	528,795	4,089,879
04/01/49	467,082	249,705	243,348	293,942	337,153	377,028	411,061	445,953	481,400	505,505	3,812,178
04/01/50	407,042	222,119	219,878	268,886	311,498	351,208	385,550	420,725	456,452	481,400	3,524,757
04/01/51	344,899	193,567	195,586	242,953	284,946	324,484	359,146	394,614	430,630	456,452	3,227,276
04/01/52	280,582	164,015	170,445	216,112	257,464	296,824	331,818	367,589	403,904	430,630	2,919,384
04/01/53	214,014	133,429	144,423	188,332	229,020	268,197	303,533	339,619	376,243	403,904	2,600,715
04/01/54	145,115	101,773	117,491	159,580	199,581	238,567	274,259	310,669	347,614	376,243	2,270,893
04/01/55	73,806	69,009	89,616	129,821	169,111	207,901	243,959	280,706	317,983	347,614	1,929,527
04/01/56	-	35,098	60,766	99,021	137,575	176,161	212,600	249,695	287,315	317,983	1,576,213
04/01/57	-	-	30,905	67,143	104,935	143,310	180,143	217,598	255,573	287,315	1,286,922
04/01/58	-	-	-	34,149	71,153	109,310	146,549	184,378	222,721	255,573	1,023,833
04/01/59	-	-	-	-	36,188	74,119	111,780	149,995	188,718	222,721	783,522
04/01/60	-	-	-	-	-	37,697	75,794	114,408	153,526	188,718	570,144
04/01/61	-	-	-	-	-	-	38,549	77,576	117,102	153,526	386,753
	26,037,251	12,381,888	10,902,859	12,047,060	12,766,596	13,298,805	13,599,385	13,919,100	14,246,793	14,246,793	143,446,530

Oklahoma Water Resources Board
Clean Water Program

Projected Future Clean Water Direct Loans

Funded Date:	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
	1	2	3	4	5	6	7	8	9	10	
Principal:	\$16,898,480	\$26,004,720	\$26,004,720	\$4,068,383	\$4,068,383	\$0	\$0	\$0	\$0	\$0	\$77,044,685
Rate:	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	Projected
First Interest	10/01/24	10/01/25	10/01/26	10/01/27	10/01/28	10/01/29	10/01/30	10/01/31	10/01/32	10/01/33	Drinking Water
First Principal	04/01/26	04/01/27	04/01/28	04/01/29	04/01/29	04/01/30	04/01/31	04/01/32	04/01/33	04/01/34	Direct
Last Payment:	04/01/55	04/01/56	04/01/57	04/01/58	04/01/58	04/01/59	04/01/60	04/01/61	04/01/62	04/01/63	Loans
Pmt Periods	32	32	32	32	32	32	32	32	32	32	
											Total
Date	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	0
04/01/21	-	-	-	-	-	-	-	-	-	-	-
04/01/22	-	-	-	-	-	-	-	-	-	-	-
04/01/23	-	-	-	-	-	-	-	-	-	-	-
04/01/24	-	-	-	-	-	-	-	-	-	-	-
04/01/25	591,447	-	-	-	-	-	-	-	-	-	591,447
04/01/26	918,793	910,165	-	-	-	-	-	-	-	-	1,828,958
04/01/27	918,793	1,413,911	910,165	-	-	-	-	-	-	-	3,242,869
04/01/28	918,793	1,413,911	1,413,911	142,393	-	-	-	-	-	-	3,889,009
04/01/29	918,793	1,413,911	1,413,911	221,203	218,445	-	-	-	-	-	4,186,264
04/01/30	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/31	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/32	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/33	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/34	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/35	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/36	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/37	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/38	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/39	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/40	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/41	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/42	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/43	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/44	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/45	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/46	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/47	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/48	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/49	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/50	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/51	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/52	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/53	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/54	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/55	918,793	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	4,189,022
04/01/56	-	1,413,911	1,413,911	221,203	221,203	-	-	-	-	-	3,270,229
04/01/57	-	-	1,413,911	221,203	221,203	-	-	-	-	-	1,856,318
04/01/58	-	-	-	221,203	221,203	-	-	-	-	-	442,407
	28,155,233	43,327,503	43,327,503	6,778,495	6,633,343	0	0	0	0	0	128,222,076

Oklahoma Water Resources Board
Clean Water Program

Projected Future Clean Water Direct Loans

Funded Date:	2024	2025	2026	2027	2028	
	1	2	3	4	5	
Principal:	16,898,480	26,004,720	26,004,720	4,068,383	4,068,383	
Rate:	3.500%	3.500%	3.500%	3.500%	3.500%	
First Interest	10/01/24	10/01/25	10/01/26	10/01/27	10/01/28	
First Principal	04/01/26	04/01/27	04/01/28	04/01/29	04/01/29	
Last Payment:	04/01/55	04/01/56	04/01/57	04/01/58	04/01/58	
Pmt Periods	32	32	32	32	32	
						Projected Drinking Water Direct Loans
						Total Principal
Date	Principal	Principal	Principal	Principal	Principal	
04/01/21	-	-	-	-	-	-
04/01/22	-	-	-	-	-	-
04/01/23	-	-	-	-	-	-
04/01/24	-	-	-	-	-	-
04/01/25	-	-	-	-	-	-
04/01/26	327,346	-	-	-	-	327,346
04/01/27	338,803	503,746	-	-	-	842,549
04/01/28	350,661	521,377	503,746	-	-	1,375,785
04/01/29	362,934	539,625	521,377	78,810	78,810	1,581,557
04/01/30	375,637	558,512	539,625	81,568	81,568	1,636,911
04/01/31	388,784	578,060	558,512	84,423	84,423	1,694,203
04/01/32	402,392	598,292	578,060	87,378	87,378	1,753,500
04/01/33	416,476	619,233	598,292	90,436	90,436	1,814,873
04/01/34	431,052	640,906	619,233	93,602	93,602	1,878,394
04/01/35	446,139	663,337	640,906	96,878	96,878	1,944,137
04/01/36	461,754	686,554	663,337	100,268	100,268	2,012,182
04/01/37	477,915	710,584	686,554	103,778	103,778	2,082,608
04/01/38	494,642	735,454	710,584	107,410	107,410	2,155,500
04/01/39	511,955	761,195	735,454	111,169	111,169	2,230,942
04/01/40	529,873	787,837	761,195	115,060	115,060	2,309,025
04/01/41	548,419	815,411	787,837	119,087	119,087	2,389,841
04/01/42	567,614	843,950	815,411	123,255	123,255	2,473,486
04/01/43	587,480	873,489	843,950	127,569	127,569	2,560,058
04/01/44	608,042	904,061	873,489	132,034	132,034	2,649,660
04/01/45	629,323	935,703	904,061	136,655	136,655	2,742,398
04/01/46	651,350	968,452	935,703	141,438	141,438	2,838,382
04/01/47	674,147	1,002,348	968,452	146,389	146,389	2,937,725
04/01/48	697,742	1,037,430	1,002,348	151,512	151,512	3,040,545
04/01/49	722,163	1,073,741	1,037,430	156,815	156,815	3,146,964
04/01/50	747,439	1,111,321	1,073,741	162,304	162,304	3,257,108
04/01/51	773,599	1,150,218	1,111,321	167,984	167,984	3,371,107
04/01/52	800,675	1,190,475	1,150,218	173,864	173,864	3,489,096
04/01/53	828,699	1,232,142	1,190,475	179,949	179,949	3,611,214
04/01/54	857,703	1,275,267	1,232,142	186,247	186,247	3,737,607
04/01/55	887,723	1,319,901	1,275,267	192,766	192,766	3,868,423
04/01/56	-	1,366,098	1,319,901	199,513	199,513	3,085,025
04/01/57	-	-	1,366,098	206,496	206,496	1,779,089
04/01/58	-	-	-	213,723	213,723	427,446
	16,898,480	26,004,720	26,004,720	4,068,383	4,068,383	77,044,685

Oklahoma Water Resources Board
Clean Water Program

Projected Future Clean Water Direct Loans

Funded Date:	2024	2025	2026	2027	2028	
	1	2	3	4	5	
Principal:	16,898,480	26,004,720	26,004,720	4,068,383	4,068,383	
Rate:	3.500%	3.500%	3.500%	3.500%	3.500%	
First Interest	10/01/24	10/01/25	10/01/26	10/01/27	10/01/28	
First Principal	04/01/26	04/01/27	04/01/28	04/01/29	04/01/29	
Last Payment:	04/01/55	04/01/56	04/01/57	04/01/58	04/01/58	
Pmt Periods	32	32	32	32	32	
						Projected Drinking Water Direct Loans
						Total Interest
Date	Interest	Interest	Interest	Interest	Interest	
04/01/21	-	-	-	-	-	-
04/01/22	-	-	-	-	-	-
04/01/23	-	-	-	-	-	-
04/01/24	-	-	-	-	-	-
04/01/25	591,447	-	-	-	-	591,447
04/01/26	591,447	910,165	-	-	-	1,501,612
04/01/27	579,990	910,165	910,165	-	-	2,400,320
04/01/28	568,132	892,534	910,165	142,393	-	2,513,224
04/01/29	555,858	874,286	892,534	142,393	139,635	2,604,707
04/01/30	543,156	855,399	874,286	139,635	139,635	2,552,111
04/01/31	530,008	835,851	855,399	136,780	136,780	2,494,819
04/01/32	516,401	815,619	835,851	133,825	133,825	2,435,522
04/01/33	502,317	794,679	815,619	130,767	130,767	2,374,149
04/01/34	487,741	773,006	794,679	127,602	127,602	2,310,629
04/01/35	472,654	750,574	773,006	124,326	124,326	2,244,885
04/01/36	457,039	727,357	750,574	120,935	120,935	2,176,840
04/01/37	440,878	703,328	727,357	117,426	117,426	2,106,414
04/01/38	424,150	678,457	703,328	113,793	113,793	2,033,522
04/01/39	406,838	652,716	678,457	110,034	110,034	1,958,080
04/01/40	388,920	626,075	652,716	106,143	106,143	1,879,997
04/01/41	370,374	598,500	626,075	102,116	102,116	1,799,181
04/01/42	351,179	569,961	598,500	97,948	97,948	1,715,537
04/01/43	331,313	540,423	569,961	93,634	93,634	1,628,965
04/01/44	310,751	509,851	540,423	89,169	89,169	1,539,363
04/01/45	289,470	478,208	509,851	84,548	84,548	1,446,624
04/01/46	267,443	445,459	478,208	79,765	79,765	1,350,641
04/01/47	244,646	411,563	445,459	74,815	74,815	1,251,297
04/01/48	221,051	376,481	411,563	69,691	69,691	1,148,477
04/01/49	196,630	340,171	376,481	64,388	64,388	1,042,058
04/01/50	171,354	302,590	340,171	58,900	58,900	931,914
04/01/51	145,194	263,694	302,590	53,219	53,219	817,915
04/01/52	118,118	223,436	263,694	47,340	47,340	699,926
04/01/53	90,094	181,769	223,436	41,254	41,254	577,808
04/01/54	61,090	138,644	181,769	34,956	34,956	451,416
04/01/55	31,070	94,010	138,644	28,437	28,437	320,599
04/01/56	-	47,813	94,010	21,691	21,691	185,205
04/01/57	-	-	47,813	14,708	14,708	77,229
04/01/58	-	-	-	7,480	7,480	14,961
	11,256,753	17,322,783	17,322,783	2,710,112	2,564,960	51,177,391

Oklahoma Water Resources Board
Drinking Water Program

Projected Future Leveraged Loans

Fiscal Year:	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
	1	2	3	4	5	6	7	8	9	10	
Principal:	150,693,401	150,159,481	70,959,481	36,328,450	36,328,450	37,620,000	37,620,000	37,620,000	37,620,000	37,620,000	632,569,264
Rate:	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	Projected
First Interest	10/01/24	10/01/25	10/01/26	10/01/27	10/01/28	10/01/29	10/01/30	10/01/31	10/01/32	10/01/33	Drinking Water
First Principal	04/01/26	04/01/27	04/01/28	04/01/29	04/01/30	04/01/31	04/01/32	04/01/33	04/01/34	04/01/35	Leveraged
Last Payment:	04/01/55	04/01/56	04/01/57	04/01/58	04/01/59	04/01/60	04/01/61	04/01/62	04/01/63	04/01/64	Loans
Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
04/01/21	-	-	-	-	-	-	-	-	-	-	-
04/01/22	-	-	-	-	-	-	-	-	-	-	-
04/01/23	-	-	-	-	-	-	-	-	-	-	-
04/01/24	-	-	-	-	-	-	-	-	-	-	-
04/01/25	2,637,135	-	-	-	-	-	-	-	-	-	2,637,135
04/01/26	8,193,401	2,627,791	-	-	-	-	-	-	-	-	10,821,192
04/01/27	8,193,401	8,164,371	1,241,791	-	-	-	-	-	-	-	17,599,563
04/01/28	8,193,401	8,164,371	3,858,161	635,748	-	-	-	-	-	-	20,851,681
04/01/29	8,193,401	8,164,371	3,858,161	1,975,226	635,748	-	-	-	-	-	22,826,907
04/01/30	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	658,350	-	-	-	-	24,824,736
04/01/31	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	658,350	-	-	-	26,870,185
04/01/32	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	658,350	-	-	28,915,635
04/01/33	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	658,350	-	30,961,084
04/01/34	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	658,350	33,006,534
04/01/35	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/36	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/37	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/38	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/39	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/40	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/41	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/42	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/43	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/44	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/45	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/46	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/47	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/48	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/49	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/50	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/51	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/52	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/53	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/54	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/55	8,193,401	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	34,393,633
04/01/56	-	8,164,371	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	26,200,232
04/01/57	-	-	3,858,161	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	18,035,861
04/01/58	-	-	-	1,975,226	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	14,177,700
04/01/59	-	-	-	-	1,975,226	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	12,202,474
04/01/60	-	-	-	-	-	2,045,449	2,045,449	2,045,449	2,045,449	2,045,449	10,227,247
04/01/61	-	-	-	-	-	-	2,045,449	2,045,449	2,045,449	2,045,449	8,181,798
04/01/62	-	-	-	-	-	-	-	2,045,449	2,045,449	2,045,449	6,136,348
04/01/63	-	-	-	-	-	-	-	-	2,045,449	2,045,449	4,090,899
04/01/64	-	-	-	-	-	-	-	-	-	2,045,449	2,045,449
04/01/65	-	-	-	-	-	-	-	-	-	-	-
04/01/66	-	-	-	-	-	-	-	-	-	-	-
04/01/67	-	-	-	-	-	-	-	-	-	-	-
04/01/68	-	-	-	-	-	-	-	-	-	-	-
04/01/69	-	-	-	-	-	-	-	-	-	-	-
04/01/70	-	-	-	-	-	-	-	-	-	-	-
04/01/71	-	-	-	-	-	-	-	-	-	-	-
04/01/72	-	-	-	-	-	-	-	-	-	-	-
04/01/73	-	-	-	-	-	-	-	-	-	-	-
04/01/74	-	-	-	-	-	-	-	-	-	-	-
	248,439,161	247,558,919	116,986,635	59,892,534	59,892,534	62,021,835	62,021,835	62,021,835	62,021,835	62,021,835	1,042,878,958

Oklahoma Water Resources Board
Drinking Water Program

Projected Future Leveraged Loans

Fiscal Year:	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
	1	2	3	4	5	6	7	8	9	10	
Principal:	150,693,401	150,159,481	70,959,481	36,328,450	36,328,450	37,620,000	37,620,000	37,620,000	37,620,000	37,620,000	
Rate:	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	
First Interest	10/01/24	10/01/25	10/01/26	10/01/27	10/01/28	10/01/29	10/01/30	10/01/31	10/01/32	10/01/33	
First Principal	04/01/26	04/01/27	04/01/28	04/01/29	04/01/30	04/01/31	04/01/32	04/01/33	04/01/34	04/01/35	
Last Payment:	04/01/55	04/01/56	04/01/57	04/01/58	04/01/59	04/01/60	04/01/61	04/01/62	04/01/63	04/01/64	
Date	Principal*	Principal*	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Projected Drinking Water Leveraged Loans Principal
04/01/21	-	-	-	-	-	-	-	-	-	-	-
04/01/22	-	-	-	-	-	-	-	-	-	-	-
04/01/23	-	-	-	-	-	-	-	-	-	-	-
04/01/24	-	-	-	-	-	-	-	-	-	-	-
04/01/25	-	-	-	-	-	-	-	-	-	-	-
04/01/26	2,919,132	-	-	-	-	-	-	-	-	-	2,919,132
04/01/27	3,021,301	2,908,789	-	-	-	-	-	-	-	-	5,930,091
04/01/28	3,127,047	3,010,597	1,374,580	-	-	-	-	-	-	-	7,512,223
04/01/29	3,236,494	3,115,968	1,422,690	703,730	-	-	-	-	-	-	8,478,882
04/01/30	3,349,771	3,225,026	1,472,484	728,361	703,730	-	-	-	-	-	9,479,373
04/01/31	3,467,013	3,337,902	1,524,021	753,854	728,361	728,749	-	-	-	-	10,539,901
04/01/32	3,588,358	3,454,729	1,577,362	780,239	753,854	754,256	728,749	-	-	-	11,637,547
04/01/33	3,713,951	3,575,644	1,632,569	807,547	780,239	780,655	754,256	728,749	-	-	12,773,610
04/01/34	3,843,939	3,700,792	1,689,709	835,811	807,547	835,811	780,655	754,256	728,749	-	13,949,436
04/01/35	3,978,477	3,830,320	1,748,849	865,064	835,811	836,257	807,978	780,655	754,256	728,749	15,166,416
04/01/36	4,117,724	3,964,381	1,810,059	895,342	865,064	865,526	836,257	807,978	780,655	754,256	15,697,240
04/01/37	4,261,844	4,103,134	1,873,411	926,679	895,342	895,819	865,526	836,257	807,978	780,655	16,246,644
04/01/38	4,411,009	4,246,744	1,938,980	959,112	926,679	927,173	895,819	865,526	836,257	807,978	16,815,276
04/01/39	4,565,394	4,395,380	2,006,845	992,681	959,112	959,624	927,173	895,819	865,526	836,257	17,403,811
04/01/40	4,725,183	4,549,218	2,077,084	1,027,425	992,681	993,211	959,624	927,173	895,819	865,526	18,012,944
04/01/41	4,890,564	4,708,441	2,149,782	1,063,385	1,027,425	1,027,973	993,211	959,624	927,173	895,819	18,643,397
04/01/42	5,061,734	4,873,236	2,225,025	1,100,604	1,063,385	1,063,952	1,027,973	993,211	959,624	927,173	19,295,916
04/01/43	5,238,895	5,043,800	2,302,900	1,139,125	1,100,604	1,101,191	1,063,952	1,027,973	993,211	959,624	19,971,273
04/01/44	5,422,256	5,220,333	2,383,502	1,178,994	1,139,125	1,139,732	1,101,191	1,063,952	1,027,973	993,211	20,670,268
04/01/45	5,612,035	5,403,044	2,466,924	1,220,259	1,178,994	1,179,623	1,139,732	1,101,191	1,063,952	1,027,973	21,393,727
04/01/46	5,808,456	5,592,151	2,553,267	1,262,968	1,220,259	1,220,910	1,179,623	1,139,732	1,101,191	1,063,952	22,142,508
04/01/47	6,011,752	5,787,876	2,642,631	1,307,172	1,262,968	1,263,641	1,220,910	1,179,623	1,139,732	1,101,191	22,917,495
04/01/48	6,222,163	5,990,452	2,735,123	1,352,923	1,307,172	1,307,869	1,263,641	1,220,910	1,179,623	1,139,732	23,719,608
04/01/49	6,439,939	6,200,118	2,830,853	1,400,275	1,352,923	1,353,644	1,307,869	1,263,641	1,220,910	1,179,623	24,549,794
04/01/50	6,665,337	6,417,122	2,929,932	1,449,285	1,400,275	1,401,022	1,353,644	1,307,869	1,263,641	1,220,910	25,409,037
04/01/51	6,898,624	6,641,721	3,032,480	1,500,010	1,449,285	1,450,058	1,401,022	1,353,644	1,307,869	1,263,641	26,298,353
04/01/52	7,140,076	6,874,181	3,138,617	1,552,510	1,500,010	1,500,810	1,450,058	1,401,022	1,353,644	1,307,869	27,218,796
04/01/53	7,389,978	7,114,778	3,248,468	1,606,848	1,552,510	1,553,338	1,500,810	1,450,058	1,401,022	1,353,644	28,171,453
04/01/54	7,648,627	7,363,795	3,362,165	1,663,087	1,606,848	1,607,705	1,553,338	1,500,810	1,450,058	1,401,022	29,157,454
04/01/55	7,916,329	7,621,528	3,479,841	1,721,296	1,663,087	1,663,974	1,607,705	1,553,338	1,500,810	1,450,058	30,177,965
04/01/56	-	7,888,281	3,601,635	1,781,541	1,721,296	1,722,214	1,663,974	1,607,705	1,553,338	1,500,810	23,040,793
04/01/57	-	-	3,727,692	1,843,895	1,781,541	1,782,491	1,722,214	1,663,974	1,607,705	1,553,338	15,682,850
04/01/58	-	-	-	1,908,431	1,843,895	1,844,878	1,782,491	1,722,214	1,663,974	1,607,705	12,373,588
04/01/59	-	-	-	-	1,908,431	1,909,449	1,844,878	1,782,491	1,722,214	1,663,974	10,831,437
04/01/60	-	-	-	-	-	1,976,280	1,909,449	1,844,878	1,782,491	1,722,214	9,235,312
04/01/61	-	-	-	-	-	-	1,976,280	1,909,449	1,844,878	1,782,491	7,513,098
04/01/62	-	-	-	-	-	-	-	1,976,280	1,909,449	1,844,878	5,730,607
04/01/63	-	-	-	-	-	-	-	-	1,976,280	1,909,449	3,885,729
04/01/64	-	-	-	-	-	-	-	-	-	1,976,280	1,976,280
04/01/65	-	-	-	-	-	-	-	-	-	-	-
04/01/66	-	-	-	-	-	-	-	-	-	-	-
04/01/67	-	-	-	-	-	-	-	-	-	-	-
04/01/68	-	-	-	-	-	-	-	-	-	-	-
04/01/69	-	-	-	-	-	-	-	-	-	-	-
04/01/70	-	-	-	-	-	-	-	-	-	-	-
04/01/71	-	-	-	-	-	-	-	-	-	-	-
04/01/72	-	-	-	-	-	-	-	-	-	-	-
04/01/73	-	-	-	-	-	-	-	-	-	-	-
04/01/74	-	-	-	-	-	-	-	-	-	-	-
	150,693,401	150,159,481	70,959,481	36,328,450	36,328,450	37,620,000	37,620,000	37,620,000	37,620,000	37,620,000	632,569,264

Oklahoma Water Resources Board
Drinking Water Program

Projected Future Leveraged Loans

Fiscal Year:	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
	1	2	3	4	5	6	7	8	9	10	
Principal:	150,693,401	150,159,481	70,959,481	36,328,450	36,328,450	37,620,000	37,620,000	37,620,000	37,620,000	37,620,000	
Rate:	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	3.500%	
First Interest	10/01/24	10/01/25	10/01/26	10/01/27	10/01/28	10/01/29	10/01/30	10/01/31	10/01/32	10/01/33	
First Principal	04/01/26	04/01/27	04/01/28	04/01/29	04/01/30	04/01/31	04/01/32	04/01/33	04/01/34	04/01/35	
Last Payment:	04/01/55	04/01/56	04/01/57	04/01/58	04/01/59	04/01/60	04/01/61	04/01/62	04/01/63	04/01/64	
Date	Interest*	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Projected Drinking Water Leveraged Loans Interest
04/01/21	-	-	-	-	-	-	-	-	-	-	-
04/01/22	-	-	-	-	-	-	-	-	-	-	-
04/01/23	-	-	-	-	-	-	-	-	-	-	-
04/01/24	-	-	-	-	-	-	-	-	-	-	-
04/01/25	2,637,135	-	-	-	-	-	-	-	-	-	2,637,135
04/01/26	5,274,269	2,627,791	-	-	-	-	-	-	-	-	7,902,060
04/01/27	5,172,099	5,255,582	1,241,791	-	-	-	-	-	-	-	11,669,472
04/01/28	5,066,354	5,153,774	2,483,582	635,748	-	-	-	-	-	-	13,339,458
04/01/29	4,956,907	5,048,403	2,435,472	1,271,496	635,748	-	-	-	-	-	14,348,026
04/01/30	4,843,630	4,939,344	2,385,677	1,246,865	1,271,496	658,350	-	-	-	-	15,345,363
04/01/31	4,726,388	4,826,469	2,334,140	1,221,373	1,246,865	1,316,700	658,350	-	-	-	16,330,285
04/01/32	4,605,043	4,709,642	2,280,800	1,194,988	1,221,373	1,291,194	1,316,700	658,350	-	-	17,278,088
04/01/33	4,479,450	4,588,726	2,225,592	1,167,679	1,194,988	1,264,795	1,291,194	1,316,700	658,350	-	18,187,474
04/01/34	4,349,462	4,463,579	2,168,452	1,139,415	1,167,679	1,237,472	1,264,795	1,291,194	1,316,700	658,350	19,057,098
04/01/35	4,214,924	4,334,051	2,109,312	1,110,162	1,139,415	1,209,193	1,237,472	1,264,795	1,291,194	1,316,700	19,227,217
04/01/36	4,075,677	4,199,990	2,048,103	1,079,885	1,110,162	1,179,924	1,209,193	1,237,472	1,264,795	1,291,194	18,696,393
04/01/37	3,931,557	4,061,237	1,984,751	1,048,548	1,079,885	1,149,630	1,179,924	1,209,193	1,237,472	1,264,795	18,146,989
04/01/38	3,782,392	3,917,627	1,919,181	1,016,114	1,048,548	1,118,277	1,149,630	1,179,924	1,209,193	1,237,472	17,578,357
04/01/39	3,628,007	3,768,991	1,851,317	982,545	1,016,114	1,085,826	1,118,277	1,149,630	1,179,924	1,209,193	16,989,822
04/01/40	3,468,218	3,615,153	1,781,077	947,801	982,545	1,052,239	1,085,826	1,118,277	1,149,630	1,179,924	16,380,689
04/01/41	3,302,837	3,455,930	1,708,379	911,841	947,801	1,017,476	1,052,239	1,085,826	1,118,277	1,149,630	15,750,236
04/01/42	3,131,667	3,291,135	1,633,137	874,623	911,841	981,497	1,017,476	1,052,239	1,085,826	1,118,277	15,097,717
04/01/43	2,954,506	3,120,571	1,555,261	836,102	874,623	944,259	981,497	1,017,476	1,052,239	1,085,826	14,422,360
04/01/44	2,771,145	2,944,038	1,474,660	796,232	836,102	905,717	944,259	981,497	1,017,476	1,052,239	13,723,365
04/01/45	2,581,366	2,761,327	1,391,237	754,967	796,232	865,827	905,717	944,259	981,497	1,017,476	12,999,906
04/01/46	2,384,945	2,572,220	1,304,895	712,258	754,967	824,540	865,827	905,717	944,259	981,497	12,251,125
04/01/47	2,181,649	2,376,495	1,215,530	668,054	712,258	781,808	824,540	865,827	905,717	944,259	11,476,138
04/01/48	1,971,238	2,173,919	1,123,038	622,303	668,054	737,581	781,808	824,540	865,827	905,717	10,674,025
04/01/49	1,753,462	1,964,253	1,027,309	574,951	622,303	691,805	737,581	781,808	824,540	865,827	9,843,839
04/01/50	1,528,064	1,747,249	928,229	525,942	574,951	644,428	691,805	737,581	781,808	824,540	8,984,596
04/01/51	1,294,777	1,522,650	825,681	475,217	525,942	595,392	644,428	691,805	737,581	781,808	8,095,280
04/01/52	1,053,325	1,290,190	719,545	422,716	475,217	544,640	595,392	644,428	691,805	737,581	7,174,838
04/01/53	803,423	1,049,593	609,693	368,378	422,716	492,112	544,640	595,392	644,428	691,805	6,222,180
04/01/54	544,773	800,576	495,997	312,139	368,378	437,745	492,112	544,640	595,392	644,428	5,236,179
04/01/55	277,072	542,843	378,321	253,931	312,139	381,475	437,745	492,112	544,640	595,392	4,215,668
04/01/56	-	276,090	256,526	193,685	253,931	323,236	381,475	437,745	492,112	544,640	3,159,439
04/01/57	-	-	130,469	131,331	193,685	262,958	323,236	381,475	437,745	492,112	2,353,012
04/01/58	-	-	-	66,795	131,331	200,571	262,958	323,236	381,475	437,745	1,804,112
04/01/59	-	-	-	-	66,795	136,001	200,571	262,958	323,236	381,475	1,371,036
04/01/60	-	-	-	-	-	69,170	136,001	200,571	262,958	323,236	991,936
04/01/61	-	-	-	-	-	-	69,170	136,001	200,571	262,958	668,700
04/01/62	-	-	-	-	-	-	-	69,170	136,001	200,571	405,742
04/01/63	-	-	-	-	-	-	-	-	69,170	136,001	205,170
04/01/64	-	-	-	-	-	-	-	-	-	69,170	69,170
04/01/65	-	-	-	-	-	-	-	-	-	-	-
04/01/66	-	-	-	-	-	-	-	-	-	-	-
04/01/67	-	-	-	-	-	-	-	-	-	-	-
04/01/68	-	-	-	-	-	-	-	-	-	-	-
04/01/69	-	-	-	-	-	-	-	-	-	-	-
04/01/70	-	-	-	-	-	-	-	-	-	-	-
04/01/71	-	-	-	-	-	-	-	-	-	-	-
04/01/72	-	-	-	-	-	-	-	-	-	-	-
04/01/73	-	-	-	-	-	-	-	-	-	-	-
04/01/74	-	-	-	-	-	-	-	-	-	-	-
	97,745,760	97,399,438	46,027,154	23,564,084	23,564,084	24,401,835	24,401,835	24,401,835	24,401,835	24,401,835	410,309,694

Oklahoma Water Resources Board
Drinking Water Program

Projected Future Drinking Water Bonds

Fiscal Year:	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
Principal:	\$160,000,000	\$160,000,000	\$80,000,000	\$38,000,000	\$38,000,000	\$38,000,000	\$38,000,000	\$38,000,000	\$38,000,000	\$38,000,000	\$666,000,000
Rate:	5.000%	5.000%	5.000%	5.000%	5.000%	5.000%	5.000%	5.000%	5.000%	5.000%	Projected
First Interest	10/01/24	10/01/25	10/01/26	10/01/27	10/01/28	10/01/29	10/01/30	10/01/31	10/01/32	10/01/33	Future
First Principal	04/01/26	04/01/27	04/01/28	04/01/29	04/01/29	04/01/30	04/01/31	04/01/32	04/01/33	04/01/34	Drinking Water
Last Payment:	04/01/55	04/01/56	04/01/57	04/01/58	04/01/58	04/01/59	04/01/60	04/01/61	04/01/62	04/01/63	Bonds
Pmt Periods	32	32	32	32	32	32	32	32	32	32	
Date	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Debt Service	Total Debt Service
04/01/21	-	-	-	-	-	-	-	-	-	-	-
04/01/22	-	-	-	-	-	-	-	-	-	-	-
04/01/23	-	-	-	-	-	-	-	-	-	-	-
04/01/24	-	-	-	-	-	-	-	-	-	-	-
04/01/25	4,666,667	-	-	-	-	-	-	-	-	-	4,666,667
04/01/26	8,000,000	6,000,000	-	-	-	-	-	-	-	-	14,000,000
04/01/27	9,985,000	10,715,000	3,000,000	-	-	-	-	-	-	-	23,700,000
04/01/28	9,385,750	10,739,250	5,225,000	1,425,000	-	-	-	-	-	-	26,775,000
04/01/29	9,576,500	10,720,500	5,223,750	2,410,000	1,425,000	-	-	-	-	-	29,355,750
04/01/30	9,624,000	10,690,500	5,209,500	2,414,500	2,415,000	1,425,000	-	-	-	-	31,778,500
04/01/31	9,429,750	10,659,500	5,202,750	2,412,500	2,414,250	2,440,000	1,425,000	-	-	-	33,983,750
04/01/32	10,260,500	10,577,250	5,193,000	2,409,250	2,417,250	2,438,000	2,430,000	1,425,000	-	-	37,150,250
04/01/33	10,640,250	10,521,000	5,180,250	2,409,750	2,418,750	2,434,750	2,433,500	2,425,000	1,425,000	-	39,888,250
04/01/34	10,854,250	10,494,250	5,174,500	2,408,750	2,418,750	2,435,250	2,430,500	2,423,750	2,420,000	431,625	41,491,625
04/01/35	10,954,500	10,465,250	5,170,250	2,401,250	2,422,250	2,439,250	2,426,250	2,426,250	2,419,000	575,500	41,699,750
04/01/36	10,425,750	10,448,750	5,157,250	2,402,500	2,424,000	2,436,500	2,430,750	2,427,250	2,416,750	575,500	41,145,000
04/01/37	10,523,750	10,448,750	5,150,750	2,402,000	2,424,000	2,432,250	2,433,500	2,426,750	2,418,250	575,500	41,235,500
04/01/38	10,628,000	10,454,000	5,145,250	2,399,750	2,422,250	2,436,500	2,434,500	2,424,750	2,418,250	575,500	41,338,750
04/01/39	10,697,500	10,453,750	5,135,500	2,395,750	2,423,750	2,438,750	2,433,750	2,426,250	2,416,750	575,500	41,397,250
04/01/40	10,248,250	10,382,750	5,116,500	2,395,000	2,428,250	2,439,000	2,431,250	2,426,000	2,423,750	575,500	40,866,250
04/01/41	10,875,500	10,329,000	5,108,500	2,392,250	2,430,500	2,437,250	2,432,000	2,429,000	2,418,750	575,500	41,428,250
04/01/42	12,446,000	10,151,250	5,090,750	2,397,500	2,430,500	2,438,500	2,430,750	2,430,000	2,422,250	575,500	42,813,000
04/01/43	13,190,500	10,090,250	5,088,500	2,390,250	2,433,250	2,437,500	2,432,500	2,429,000	2,423,750	575,500	43,491,000
04/01/44	11,195,750	10,140,000	5,075,750	2,391,000	2,433,500	2,434,250	2,437,000	2,426,000	2,428,250	575,500	41,537,000
04/01/45	11,306,000	10,124,500	5,067,750	2,384,250	2,436,250	2,438,750	2,434,000	2,426,000	2,425,500	575,500	41,618,500
04/01/46	11,415,000	10,131,250	5,064,000	2,380,250	2,436,250	2,440,500	2,433,750	2,428,750	2,425,750	575,500	41,731,000
04/01/47	11,511,750	10,063,500	5,049,000	2,378,750	2,443,500	2,434,500	2,436,000	2,429,000	2,428,750	575,500	41,750,250
04/01/48	11,600,750	9,929,250	5,023,000	2,379,500	2,447,500	2,436,000	2,430,500	2,436,750	2,424,250	575,500	41,683,000
04/01/49	11,676,250	9,826,250	5,011,250	2,377,250	2,448,250	2,434,500	2,432,500	2,436,500	2,432,500	575,500	41,650,750
04/01/50	11,692,750	9,637,500	4,977,750	2,377,000	2,450,750	2,440,000	2,431,500	2,438,500	2,432,750	575,500	41,454,000
04/01/51	11,777,000	9,401,750	4,943,250	2,373,500	2,459,750	2,437,000	2,437,500	2,437,500	2,435,250	575,500	41,278,000
04/01/52	11,859,500	9,346,000	4,937,500	2,371,750	2,464,750	2,430,750	2,440,000	2,438,500	2,434,750	575,500	41,299,000
04/01/53	11,729,000	9,121,000	4,898,750	2,371,500	2,465,750	2,436,250	2,439,000	2,436,250	2,446,250	575,500	40,919,250
04/01/54	15,114,750	9,429,500	4,798,250	2,372,500	2,482,750	2,432,750	2,439,500	2,440,750	2,454,000	575,500	44,540,250
04/01/55	-	23,824,500	5,228,750	2,349,500	2,484,750	2,430,500	2,441,250	2,441,500	2,453,000	575,500	44,229,250
04/01/56	-	-	14,878,500	2,583,500	2,492,250	2,424,250	2,444,000	2,453,500	2,463,500	575,500	30,315,000
04/01/57	-	-	-	9,271,500	2,609,750	2,419,000	2,442,500	2,456,000	2,469,750	805,500	22,474,000
04/01/58	-	-	-	-	7,066,500	2,544,500	2,436,750	2,459,250	2,476,750	1,114,000	18,097,750
04/01/59	-	-	-	-	-	6,909,000	2,561,750	2,458,000	2,474,250	1,281,500	15,684,500
04/01/60	-	-	-	-	-	-	7,050,750	2,592,250	2,472,500	1,429,250	13,544,750
04/01/61	-	-	-	-	-	-	-	7,140,000	2,601,250	1,577,750	11,319,000
04/01/62	-	-	-	-	-	-	-	-	7,218,750	1,851,500	9,070,250
	323,290,917	315,316,000	160,525,500	77,827,750	76,970,000	76,631,000	76,772,500	76,894,000	77,020,250	27,950,875	1,289,198,792

Oklahoma Water Resources Board
Drinking Water Program

Projected Future Drinking Water Bonds

Fiscal Year:	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Projected Future Drinking Water Bonds	
Principal:	\$160,000,000	\$160,000,000	\$80,000,000	\$38,000,000	\$38,000,000	\$38,000,000	\$38,000,000	\$38,000,000	\$38,000,000	\$38,000,000		
Rate:	5.000%	5.000%	5.000%	5.000%	5.000%	5.000%	5.000%	5.000%	5.000%	5.000%		
First Interest	10/01/24	10/01/25	10/01/26	10/01/27	10/01/28	10/01/29	10/01/30	10/01/31	10/01/32	10/01/33		
First Principal	04/01/26	04/01/27	04/01/28	04/01/29	04/01/29	04/01/30	04/01/31	04/01/32	04/01/33	04/01/34		
Last Payment:	04/01/55	04/01/56	04/01/57	04/01/58	04/01/58	04/01/59	04/01/60	04/01/61	04/01/62	04/01/63		
Pmt Periods	FutureDW_1	FutureDW_2	FutureDW_3	FutureDW_4	FutureDW_5	FutureDW_6	FutureDW_7	FutureDW_8	FutureDW_9	FutureDW_10		
												Total
Date	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	
04/01/21	-	-	-	-	-	-	-	-	-	-	-	
04/01/22	-	-	-	-	-	-	-	-	-	-	-	
04/01/23	-	-	-	-	-	-	-	-	-	-	-	
04/01/24	-	-	-	-	-	-	-	-	-	-	-	
04/01/25	-	-	-	-	-	-	-	-	-	-	-	
04/01/26	-	-	-	-	-	-	-	-	-	-	-	
04/01/27	1,985,000	2,715,000	-	-	-	-	-	-	-	-	4,700,000	
04/01/28	1,485,000	2,875,000	1,225,000	-	-	-	-	-	-	-	5,585,000	
04/01/29	1,750,000	3,000,000	1,285,000	510,000	-	-	-	-	-	-	6,545,000	
04/01/30	1,885,000	3,120,000	1,335,000	540,000	515,000	-	-	-	-	-	7,395,000	
04/01/31	1,785,000	3,245,000	1,395,000	565,000	540,000	540,000	-	-	-	-	8,070,000	
04/01/32	2,705,000	3,325,000	1,455,000	590,000	570,000	565,000	530,000	-	-	-	9,740,000	
04/01/33	3,220,000	3,435,000	1,515,000	620,000	600,000	590,000	560,000	525,000	-	-	11,065,000	
04/01/34	3,595,000	3,580,000	1,585,000	650,000	630,000	620,000	585,000	550,000	520,000	-	12,315,000	
04/01/35	3,875,000	3,730,000	1,660,000	675,000	665,000	655,000	610,000	580,000	545,000	-	12,995,000	
04/01/36	3,540,000	3,900,000	1,730,000	710,000	700,000	685,000	645,000	610,000	570,000	-	13,090,000	
04/01/37	3,815,000	4,095,000	1,810,000	745,000	735,000	715,000	680,000	640,000	600,000	-	13,835,000	
04/01/38	4,110,000	4,305,000	1,895,000	780,000	770,000	755,000	715,000	670,000	630,000	-	14,630,000	
04/01/39	4,385,000	4,520,000	1,980,000	815,000	810,000	795,000	750,000	705,000	660,000	-	15,420,000	
04/01/40	4,155,000	4,675,000	2,060,000	855,000	855,000	835,000	785,000	740,000	700,000	-	15,660,000	
04/01/41	4,990,000	4,855,000	2,155,000	895,000	900,000	875,000	825,000	780,000	730,000	-	17,005,000	
04/01/42	6,810,000	4,920,000	2,245,000	945,000	945,000	920,000	865,000	820,000	770,000	-	19,240,000	
04/01/43	7,895,000	5,105,000	2,355,000	985,000	995,000	965,000	910,000	860,000	810,000	-	20,880,000	
04/01/44	6,295,000	5,410,000	2,460,000	1,035,000	1,045,000	1,010,000	960,000	900,000	855,000	-	19,970,000	
04/01/45	6,720,000	5,665,000	2,575,000	1,080,000	1,100,000	1,065,000	1,005,000	945,000	895,000	-	21,050,000	
04/01/46	7,165,000	5,955,000	2,700,000	1,130,000	1,155,000	1,120,000	1,055,000	995,000	940,000	-	22,215,000	
04/01/47	7,620,000	6,185,000	2,820,000	1,185,000	1,220,000	1,170,000	1,110,000	1,045,000	990,000	-	23,345,000	
04/01/48	8,090,000	6,360,000	2,935,000	1,245,000	1,285,000	1,230,000	1,160,000	1,105,000	1,035,000	-	24,445,000	
04/01/49	8,570,000	6,575,000	3,070,000	1,305,000	1,350,000	1,290,000	1,220,000	1,160,000	1,095,000	-	25,635,000	
04/01/50	9,015,000	6,715,000	3,190,000	1,370,000	1,420,000	1,360,000	1,280,000	1,220,000	1,150,000	-	26,720,000	
04/01/51	9,550,000	6,815,000	3,315,000	1,435,000	1,500,000	1,425,000	1,350,000	1,280,000	1,210,000	-	27,880,000	
04/01/52	10,110,000	7,100,000	3,475,000	1,505,000	1,580,000	1,490,000	1,420,000	1,345,000	1,270,000	-	29,295,000	
04/01/53	10,485,000	7,230,000	3,610,000	1,580,000	1,660,000	1,570,000	1,490,000	1,410,000	1,345,000	-	30,380,000	
04/01/54	14,395,000	7,900,000	3,690,000	1,660,000	1,760,000	1,645,000	1,565,000	1,485,000	1,420,000	-	35,520,000	
04/01/55	-	22,690,000	4,305,000	1,720,000	1,850,000	1,725,000	1,645,000	1,560,000	1,490,000	-	36,985,000	
04/01/56	-	-	14,170,000	2,040,000	1,950,000	1,805,000	1,730,000	1,650,000	1,575,000	-	24,920,000	
04/01/57	-	-	-	8,830,000	2,165,000	1,890,000	1,815,000	1,735,000	1,660,000	230,000	18,325,000	
04/01/58	-	-	-	-	6,730,000	2,110,000	1,900,000	1,825,000	1,750,000	550,000	14,865,000	
04/01/59	-	-	-	-	-	6,580,000	2,120,000	1,915,000	1,835,000	745,000	13,195,000	
04/01/60	-	-	-	-	-	-	6,715,000	2,145,000	1,925,000	930,000	11,715,000	
04/01/61	-	-	-	-	-	-	-	6,800,000	2,150,000	1,125,000	10,075,000	
04/01/62	-	-	-	-	-	-	-	-	6,875,000	1,455,000	8,330,000	

Oklahoma Water Resources Board
Drinking Water Program

Projected Future Drinking Water Bonds

Fiscal Year:	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Projected Future Drinking Water Bonds
Principal:	\$160,000,000	\$160,000,000	\$80,000,000	\$38,000,000	\$38,000,000	\$38,000,000	\$38,000,000	\$38,000,000	\$38,000,000	\$38,000,000	
Rate:	5.000%	5.000%	5.000%	5.000%	5.000%	5.000%	5.000%	5.000%	5.000%	5.000%	
First Interest	10/01/24	10/01/25	10/01/26	10/01/27	10/01/28	10/01/29	10/01/30	10/01/31	10/01/32	10/01/33	
First Principal	04/01/26	04/01/27	04/01/28	04/01/29	04/01/29	04/01/30	04/01/31	04/01/32	04/01/33	04/01/34	
Last Payment:	04/01/55	04/01/56	04/01/57	04/01/58	04/01/58	04/01/59	04/01/60	04/01/61	04/01/62	04/01/63	
Pmt Periods	Future_1	FutureDW_2	FutureDW_3	FutureDW_4	FutureDW_5	FutureDW_6	FutureDW_7	FutureDW_8	FutureDW_9	FutureDW_10	
Date	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Total Interest
04/01/21	-	-	-	-	-	-	-	-	-	-	-
04/01/22	-	-	-	-	-	-	-	-	-	-	-
04/01/23	-	-	-	-	-	-	-	-	-	-	-
04/01/24	-	-	-	-	-	-	-	-	-	-	-
04/01/25	4,666,667	-	-	-	-	-	-	-	-	-	4,666,667
04/01/26	4,000,000	6,000,000	-	-	-	-	-	-	-	-	10,000,000
04/01/27	4,000,000	8,000,000	3,000,000	-	-	-	-	-	-	-	15,000,000
04/01/28	3,951,000	7,864,250	4,000,000	1,425,000	-	-	-	-	-	-	17,240,250
04/01/29	3,914,500	7,720,500	3,938,750	1,900,000	1,425,000	-	-	-	-	-	18,898,750
04/01/30	3,871,375	7,570,500	3,874,500	1,874,500	1,900,000	1,425,000	-	-	-	-	20,515,875
04/01/31	3,824,875	7,414,500	3,807,750	1,847,500	1,874,250	1,900,000	1,425,000	-	-	-	22,093,875
04/01/32	3,781,000	7,252,250	3,738,000	1,819,250	1,847,250	1,873,000	1,900,000	1,425,000	-	-	23,635,750
04/01/33	3,714,125	7,086,000	3,665,250	1,789,750	1,818,750	1,844,750	1,873,500	1,900,000	1,425,000	-	25,117,125
04/01/34	3,634,375	6,914,250	3,589,500	1,758,750	1,788,750	1,815,250	1,845,500	1,873,750	1,900,000	431,625	25,551,750
04/01/35	3,545,250	6,735,250	3,510,250	1,726,250	1,757,250	1,784,250	1,816,250	1,846,250	1,874,000	575,500	25,170,500
04/01/36	3,449,125	6,548,750	3,427,250	1,692,500	1,724,000	1,751,500	1,785,750	1,817,250	1,846,750	575,500	24,618,375
04/01/37	3,361,375	6,353,750	3,340,750	1,657,000	1,689,000	1,717,250	1,753,500	1,786,750	1,818,250	575,500	24,053,125
04/01/38	3,266,500	6,149,000	3,250,250	1,619,750	1,652,250	1,681,500	1,719,500	1,754,750	1,788,250	575,500	23,457,250
04/01/39	3,164,250	5,933,750	3,155,500	1,580,750	1,613,750	1,643,750	1,683,750	1,721,250	1,756,750	575,500	22,829,000
04/01/40	3,055,000	5,707,750	3,056,500	1,540,000	1,573,250	1,604,000	1,646,250	1,686,000	1,723,750	575,500	22,168,000
04/01/41	2,951,375	5,474,000	2,953,500	1,497,250	1,530,500	1,562,250	1,607,000	1,649,000	1,688,750	575,500	21,489,125
04/01/42	2,826,750	5,231,250	2,845,750	1,452,500	1,485,500	1,518,500	1,565,750	1,610,000	1,652,250	575,500	20,763,750
04/01/43	2,656,375	4,985,250	2,733,500	1,405,250	1,438,250	1,472,500	1,522,500	1,569,000	1,613,750	575,500	19,971,875
04/01/44	2,459,000	4,730,000	2,615,750	1,356,000	1,388,500	1,424,250	1,477,000	1,526,000	1,573,250	575,500	19,125,250
04/01/45	2,301,625	4,459,500	2,492,750	1,304,250	1,336,250	1,373,750	1,429,000	1,481,000	1,530,500	575,500	18,284,125
04/01/46	2,133,500	4,176,250	2,364,000	1,250,250	1,281,250	1,320,500	1,378,750	1,433,750	1,485,750	575,500	17,399,500
04/01/47	1,954,125	3,878,500	2,229,000	1,193,750	1,223,500	1,264,500	1,326,000	1,384,000	1,438,750	575,500	16,467,625
04/01/48	1,763,250	3,569,250	2,088,000	1,134,500	1,162,500	1,206,000	1,270,500	1,331,750	1,389,250	575,500	15,490,500
04/01/49	1,560,375	3,251,250	1,941,250	1,072,250	1,098,250	1,144,500	1,212,500	1,276,500	1,337,500	575,500	14,469,875
04/01/50	1,345,375	2,922,500	1,787,750	1,007,000	1,030,750	1,080,000	1,151,500	1,218,500	1,282,750	575,500	13,401,625
04/01/51	1,119,125	2,586,750	1,628,250	938,500	959,750	1,012,000	1,087,500	1,157,500	1,225,250	575,500	12,290,125
04/01/52	879,250	2,246,000	1,462,500	866,750	884,750	940,750	1,020,000	1,093,500	1,164,750	575,500	11,133,750
04/01/53	625,000	1,891,000	1,288,750	791,500	805,750	866,250	949,000	1,026,250	1,101,250	575,500	9,920,250
04/01/54	361,125	1,529,500	1,108,250	712,500	722,750	787,750	874,500	955,750	1,034,000	575,500	8,661,625
04/01/55	-	1,134,500	923,750	629,500	634,750	705,500	796,250	881,500	963,000	575,500	7,244,250
04/01/56	-	-	708,500	543,500	542,250	619,250	714,000	803,500	888,500	575,500	5,395,000
04/01/57	-	-	-	441,500	444,750	529,000	627,500	721,000	809,750	575,500	4,149,000
04/01/58	-	-	-	-	336,500	434,500	536,750	634,250	726,750	564,000	3,232,750
04/01/59	-	-	-	-	-	329,000	441,750	543,000	639,250	536,500	2,489,500
04/01/60	-	-	-	-	-	-	335,750	447,250	547,500	499,250	1,829,750
04/01/61	-	-	-	-	-	-	-	340,000	451,250	452,750	1,244,000
04/01/62	-	-	-	-	-	-	-	-	343,750	396,500	740,250

2024 Future Bond Issue

160,000,000	163,290,917	323,290,917	323,290,917
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Projected Future Program Cashflows

2025 Future Bond Issue

		5.00%	Total Debt	Fiscal Year
Date	Principal	Interest	Service	Debt Service
04/01/25			-	
10/01/25	-	2,000,000	2,000,000	
04/01/26	-	4,000,000	4,000,000	6,000,000
10/01/26	-	4,000,000	4,000,000	-
04/01/27	2,715,000	4,000,000	6,715,000	10,715,000
10/01/27	-	3,932,125	3,932,125	-
04/01/28	2,875,000	3,932,125	6,807,125	10,739,250
10/01/28	-	3,860,250	3,860,250	-
04/01/29	3,000,000	3,860,250	6,860,250	10,720,500
10/01/29	-	3,785,250	3,785,250	-
04/01/30	3,120,000	3,785,250	6,905,250	10,690,500
10/01/30	-	3,707,250	3,707,250	-
04/01/31	3,245,000	3,707,250	6,952,250	10,659,500
10/01/31	-	3,626,125	3,626,125	-
04/01/32	3,325,000	3,626,125	6,951,125	10,577,250
10/01/32	-	3,543,000	3,543,000	-
04/01/33	3,435,000	3,543,000	6,978,000	10,521,000
10/01/33	-	3,457,125	3,457,125	-
04/01/34	3,580,000	3,457,125	7,037,125	10,494,250
10/01/34	-	3,367,625	3,367,625	-
04/01/35	3,730,000	3,367,625	7,097,625	10,465,250
10/01/35	-	3,274,375	3,274,375	-
04/01/36	3,900,000	3,274,375	7,174,375	10,448,750
10/01/36	-	3,176,875	3,176,875	-
04/01/37	4,095,000	3,176,875	7,271,875	10,448,750
10/01/37	-	3,074,500	3,074,500	-
04/01/38	4,305,000	3,074,500	7,379,500	10,454,000
10/01/38	-	2,966,875	2,966,875	-
04/01/39	4,520,000	2,966,875	7,486,875	10,453,750
10/01/39	-	2,853,875	2,853,875	-
04/01/40	4,675,000	2,853,875	7,528,875	10,382,750
10/01/40	-	2,737,000	2,737,000	-
04/01/41	4,855,000	2,737,000	7,592,000	10,329,000
10/01/41	-	2,615,625	2,615,625	-
04/01/42	4,920,000	2,615,625	7,535,625	10,151,250
10/01/42	-	2,492,625	2,492,625	-
04/01/43	5,105,000	2,492,625	7,597,625	10,090,250
10/01/43	-	2,365,000	2,365,000	-
04/01/44	5,410,000	2,365,000	7,775,000	10,140,000
10/01/44	-	2,229,750	2,229,750	-
04/01/45	5,665,000	2,229,750	7,894,750	10,124,500
10/01/45	-	2,088,125	2,088,125	-
04/01/46	5,955,000	2,088,125	8,043,125	10,131,250
10/01/46	-	1,939,250	1,939,250	-
04/01/47	6,185,000	1,939,250	8,124,250	10,063,500
10/01/47	-	1,784,625	1,784,625	-
04/01/48	6,360,000	1,784,625	8,144,625	9,929,250
10/01/48	-	1,625,625	1,625,625	-
04/01/49	6,575,000	1,625,625	8,200,625	9,826,250
10/01/49	-	1,461,250	1,461,250	-
04/01/50	6,715,000	1,461,250	8,176,250	9,637,500
10/01/50	-	1,293,375	1,293,375	-
04/01/51	6,815,000	1,293,375	8,108,375	9,401,750
10/01/51	-	1,123,000	1,123,000	-
04/01/52	7,100,000	1,123,000	8,223,000	9,346,000
10/01/52	-	945,500	945,500	-
04/01/53	7,230,000	945,500	8,175,500	9,121,000
10/01/53	-	764,750	764,750	-
04/01/54	7,900,000	764,750	8,664,750	9,429,500
10/01/54	-	567,250	567,250	-
04/01/55	22,690,000	567,250	23,257,250	23,824,500
10/01/55	-	-	-	-
04/01/56	-	-	-	-
10/01/56	-	-	-	-
04/01/57	-	-	-	-
10/01/57	-	-	-	-
04/01/58	-	-	-	-
	160,000,000	155,316,000	315,316,000	315,316,000

Oklahoma Water Resources Board
Drinking Water SRF - Cash Flow & Capacity Analysis (August 2023)
Projected Future Program Cashflows

2026 Future Bond Issue

		5.00%	Total Debt	Fiscal Year
Date	Principal	Interest	Service	Debt Service
04/01/26			-	
10/01/26	-	1,000,000	1,000,000	
04/01/27	-	2,000,000	2,000,000	3,000,000
10/01/27	-	2,000,000	2,000,000	-
04/01/28	1,225,000	2,000,000	3,225,000	5,225,000
10/01/28	-	1,969,375	1,969,375	-
04/01/29	1,285,000	1,969,375	3,254,375	5,223,750
10/01/29	-	1,937,250	1,937,250	-
04/01/30	1,335,000	1,937,250	3,272,250	5,209,500
10/01/30	-	1,903,875	1,903,875	-
04/01/31	1,395,000	1,903,875	3,298,875	5,202,750
10/01/31	-	1,869,000	1,869,000	-
04/01/32	1,455,000	1,869,000	3,324,000	5,193,000
10/01/32	-	1,832,625	1,832,625	-
04/01/33	1,515,000	1,832,625	3,347,625	5,180,250
10/01/33	-	1,794,750	1,794,750	-
04/01/34	1,585,000	1,794,750	3,379,750	5,174,500
10/01/34	-	1,755,125	1,755,125	-
04/01/35	1,660,000	1,755,125	3,415,125	5,170,250
10/01/35	-	1,713,625	1,713,625	-
04/01/36	1,730,000	1,713,625	3,443,625	5,157,250
10/01/36	-	1,670,375	1,670,375	-
04/01/37	1,810,000	1,670,375	3,480,375	5,150,750
10/01/37	-	1,625,125	1,625,125	-
04/01/38	1,895,000	1,625,125	3,520,125	5,145,250
10/01/38	-	1,577,750	1,577,750	-
04/01/39	1,980,000	1,577,750	3,557,750	5,135,500
10/01/39	-	1,528,250	1,528,250	-
04/01/40	2,060,000	1,528,250	3,588,250	5,116,500
10/01/40	-	1,476,750	1,476,750	-
04/01/41	2,155,000	1,476,750	3,631,750	5,108,500
10/01/41	-	1,422,875	1,422,875	-
04/01/42	2,245,000	1,422,875	3,667,875	5,090,750
10/01/42	-	1,366,750	1,366,750	-
04/01/43	2,355,000	1,366,750	3,721,750	5,088,500
10/01/43	-	1,307,875	1,307,875	-
04/01/44	2,460,000	1,307,875	3,767,875	5,075,750
10/01/44	-	1,246,375	1,246,375	-
04/01/45	2,575,000	1,246,375	3,821,375	5,067,750
10/01/45	-	1,182,000	1,182,000	-
04/01/46	2,700,000	1,182,000	3,882,000	5,064,000
10/01/46	-	1,114,500	1,114,500	-
04/01/47	2,820,000	1,114,500	3,934,500	5,049,000
10/01/47	-	1,044,000	1,044,000	-
04/01/48	2,935,000	1,044,000	3,979,000	5,023,000
10/01/48	-	970,625	970,625	-
04/01/49	3,070,000	970,625	4,040,625	5,011,250
10/01/49	-	893,875	893,875	-
04/01/50	3,190,000	893,875	4,083,875	4,977,750
10/01/50	-	814,125	814,125	-
04/01/51	3,315,000	814,125	4,129,125	4,943,250
10/01/51	-	731,250	731,250	-
04/01/52	3,475,000	731,250	4,206,250	4,937,500
10/01/52	-	644,375	644,375	-
04/01/53	3,610,000	644,375	4,254,375	4,898,750
10/01/53	-	554,125	554,125	-
04/01/54	3,690,000	554,125	4,244,125	4,798,250
10/01/54	-	461,875	461,875	-
04/01/55	4,305,000	461,875	4,766,875	5,228,750
10/01/55	-	354,250	354,250	-
04/01/56	14,170,000	354,250	14,524,250	14,878,500
10/01/56	-	-	-	-
04/01/57	-	-	-	-
10/01/57	-	-	-	-
04/01/58	-	-	-	-
10/01/58	-	-	-	-
04/01/59	-	-	-	-
	80,000,000	80,525,500	160,525,500	160,525,500

Oklahoma Water Resources Board
Drinking Water SRF - Cash Flow & Capacity Analysis (August 2023)
Projected Future Program Cashflows

2027 Future Bond Issue

Date	Principal	5.00% Interest	Total Debt Service	Fiscal Year Debt Service
04/01/27			-	
10/01/27	-	475,000	475,000	
04/01/28	-	950,000	950,000	1,425,000
10/01/28	-	950,000	950,000	-
04/01/29	510,000	950,000	1,460,000	2,410,000
10/01/29	-	937,250	937,250	-
04/01/30	540,000	937,250	1,477,250	2,414,500
10/01/30	-	923,750	923,750	-
04/01/31	565,000	923,750	1,488,750	2,412,500
10/01/31	-	909,625	909,625	-
04/01/32	590,000	909,625	1,499,625	2,409,250
10/01/32	-	894,875	894,875	-
04/01/33	620,000	894,875	1,514,875	2,409,750
10/01/33	-	879,375	879,375	-
04/01/34	650,000	879,375	1,529,375	2,408,750
10/01/34	-	863,125	863,125	-
04/01/35	675,000	863,125	1,538,125	2,401,250
10/01/35	-	846,250	846,250	-
04/01/36	710,000	846,250	1,556,250	2,402,500
10/01/36	-	828,500	828,500	-
04/01/37	745,000	828,500	1,573,500	2,402,000
10/01/37	-	809,875	809,875	-
04/01/38	780,000	809,875	1,589,875	2,399,750
10/01/38	-	790,375	790,375	-
04/01/39	815,000	790,375	1,605,375	2,395,750
10/01/39	-	770,000	770,000	-
04/01/40	855,000	770,000	1,625,000	2,395,000
10/01/40	-	748,625	748,625	-
04/01/41	895,000	748,625	1,643,625	2,392,250
10/01/41	-	726,250	726,250	-
04/01/42	945,000	726,250	1,671,250	2,397,500
10/01/42	-	702,625	702,625	-
04/01/43	985,000	702,625	1,687,625	2,390,250
10/01/43	-	678,000	678,000	-
04/01/44	1,035,000	678,000	1,713,000	2,391,000
10/01/44	-	652,125	652,125	-
04/01/45	1,080,000	652,125	1,732,125	2,384,250
10/01/45	-	625,125	625,125	-
04/01/46	1,130,000	625,125	1,755,125	2,380,250
10/01/46	-	596,875	596,875	-
04/01/47	1,185,000	596,875	1,781,875	2,378,750
10/01/47	-	567,250	567,250	-
04/01/48	1,245,000	567,250	1,812,250	2,379,500
10/01/48	-	536,125	536,125	-
04/01/49	1,305,000	536,125	1,841,125	2,377,250
10/01/49	-	503,500	503,500	-
04/01/50	1,370,000	503,500	1,873,500	2,377,000
10/01/50	-	469,250	469,250	-
04/01/51	1,435,000	469,250	1,904,250	2,373,500
10/01/51	-	433,375	433,375	-
04/01/52	1,505,000	433,375	1,938,375	2,371,750
10/01/52	-	395,750	395,750	-
04/01/53	1,580,000	395,750	1,975,750	2,371,500
10/01/53	-	356,250	356,250	-
04/01/54	1,660,000	356,250	2,016,250	2,372,500
10/01/54	-	314,750	314,750	-
04/01/55	1,720,000	314,750	2,034,750	2,349,500
10/01/55	-	271,750	271,750	-
04/01/56	2,040,000	271,750	2,311,750	2,583,500
10/01/56	-	220,750	220,750	-
04/01/57	8,830,000	220,750	9,050,750	9,271,500
10/01/57	-	-	-	-
04/01/58	-	-	-	-
10/01/58	-	-	-	-
04/01/59	-	-	-	-
10/01/59	-	-	-	-
04/01/60	-	-	-	-
	38,000,000	39,827,750	77,827,750	77,827,750

Oklahoma Water Resources Board
Drinking Water SRF - Cash Flow & Capacity Analysis (August 2023)
Projected Future Program Cashflows

2028 Future Bond Issue

		5.00%	Total Debt	Fiscal Year
Date	Principal	Interest	Service	Debt Service
04/01/28			-	
10/01/28	-	475,000	475,000	
04/01/29	-	950,000	950,000	1,425,000
10/01/29	-	950,000	950,000	-
04/01/30	515,000	950,000	1,465,000	2,415,000
10/01/30	-	937,125	937,125	-
04/01/31	540,000	937,125	1,477,125	2,414,250
10/01/31	-	923,625	923,625	-
04/01/32	570,000	923,625	1,493,625	2,417,250
10/01/32	-	909,375	909,375	-
04/01/33	600,000	909,375	1,509,375	2,418,750
10/01/33	-	894,375	894,375	-
04/01/34	630,000	894,375	1,524,375	2,418,750
10/01/34	-	878,625	878,625	-
04/01/35	665,000	878,625	1,543,625	2,422,250
10/01/35	-	862,000	862,000	-
04/01/36	700,000	862,000	1,562,000	2,424,000
10/01/36	-	844,500	844,500	-
04/01/37	735,000	844,500	1,579,500	2,424,000
10/01/37	-	826,125	826,125	-
04/01/38	770,000	826,125	1,596,125	2,422,250
10/01/38	-	806,875	806,875	-
04/01/39	810,000	806,875	1,616,875	2,423,750
10/01/39	-	786,625	786,625	-
04/01/40	855,000	786,625	1,641,625	2,428,250
10/01/40	-	765,250	765,250	-
04/01/41	900,000	765,250	1,665,250	2,430,500
10/01/41	-	742,750	742,750	-
04/01/42	945,000	742,750	1,687,750	2,430,500
10/01/42	-	719,125	719,125	-
04/01/43	995,000	719,125	1,714,125	2,433,250
10/01/43	-	694,250	694,250	-
04/01/44	1,045,000	694,250	1,739,250	2,433,500
10/01/44	-	668,125	668,125	-
04/01/45	1,100,000	668,125	1,768,125	2,436,250
10/01/45	-	640,625	640,625	-
04/01/46	1,155,000	640,625	1,795,625	2,436,250
10/01/46	-	611,750	611,750	-
04/01/47	1,220,000	611,750	1,831,750	2,443,500
10/01/47	-	581,250	581,250	-
04/01/48	1,285,000	581,250	1,866,250	2,447,500
10/01/48	-	549,125	549,125	-
04/01/49	1,350,000	549,125	1,899,125	2,448,250
10/01/49	-	515,375	515,375	-
04/01/50	1,420,000	515,375	1,935,375	2,450,750
10/01/50	-	479,875	479,875	-
04/01/51	1,500,000	479,875	1,979,875	2,459,750
10/01/51	-	442,375	442,375	-
04/01/52	1,580,000	442,375	2,022,375	2,464,750
10/01/52	-	402,875	402,875	-
04/01/53	1,660,000	402,875	2,062,875	2,465,750
10/01/53	-	361,375	361,375	-
04/01/54	1,760,000	361,375	2,121,375	2,482,750
10/01/54	-	317,375	317,375	-
04/01/55	1,850,000	317,375	2,167,375	2,484,750
10/01/55	-	271,125	271,125	-
04/01/56	1,950,000	271,125	2,221,125	2,492,250
10/01/56	-	222,375	222,375	-
04/01/57	2,165,000	222,375	2,387,375	2,609,750
10/01/57	-	168,250	168,250	-
04/01/58	6,730,000	168,250	6,898,250	7,066,500
10/01/58	-	-	-	-
04/01/59	-	-	-	-
10/01/59	-	-	-	-
04/01/60	-	-	-	-
10/01/60	-	-	-	-
04/01/61	-	-	-	-
	38,000,000	38,970,000	76,970,000	76,970,000

Oklahoma Water Resources Board
Drinking Water SRF - Cash Flow & Capacity Analysis (August 2023)
Projected Future Program Cashflows

2029 Future Bond Issue

Date	Principal	5.00% Interest	Total Debt Service	Fiscal Year Debt Service
04/01/29			-	
10/01/29	-	475,000	475,000	
04/01/30	-	950,000	950,000	1,425,000
10/01/30	-	950,000	950,000	-
04/01/31	540,000	950,000	1,490,000	2,440,000
10/01/31	-	936,500	936,500	-
04/01/32	565,000	936,500	1,501,500	2,438,000
10/01/32	-	922,375	922,375	-
04/01/33	590,000	922,375	1,512,375	2,434,750
10/01/33	-	907,625	907,625	-
04/01/34	620,000	907,625	1,527,625	2,435,250
10/01/34	-	892,125	892,125	-
04/01/35	655,000	892,125	1,547,125	2,439,250
10/01/35	-	875,750	875,750	-
04/01/36	685,000	875,750	1,560,750	2,436,500
10/01/36	-	858,625	858,625	-
04/01/37	715,000	858,625	1,573,625	2,432,250
10/01/37	-	840,750	840,750	-
04/01/38	755,000	840,750	1,595,750	2,436,500
10/01/38	-	821,875	821,875	-
04/01/39	795,000	821,875	1,616,875	2,438,750
10/01/39	-	802,000	802,000	-
04/01/40	835,000	802,000	1,637,000	2,439,000
10/01/40	-	781,125	781,125	-
04/01/41	875,000	781,125	1,656,125	2,437,250
10/01/41	-	759,250	759,250	-
04/01/42	920,000	759,250	1,679,250	2,438,500
10/01/42	-	736,250	736,250	-
04/01/43	965,000	736,250	1,701,250	2,437,500
10/01/43	-	712,125	712,125	-
04/01/44	1,010,000	712,125	1,722,125	2,434,250
10/01/44	-	686,875	686,875	-
04/01/45	1,065,000	686,875	1,751,875	2,438,750
10/01/45	-	660,250	660,250	-
04/01/46	1,120,000	660,250	1,780,250	2,440,500
10/01/46	-	632,250	632,250	-
04/01/47	1,170,000	632,250	1,802,250	2,434,500
10/01/47	-	603,000	603,000	-
04/01/48	1,230,000	603,000	1,833,000	2,436,000
10/01/48	-	572,250	572,250	-
04/01/49	1,290,000	572,250	1,862,250	2,434,500
10/01/49	-	540,000	540,000	-
04/01/50	1,360,000	540,000	1,900,000	2,440,000
10/01/50	-	506,000	506,000	-
04/01/51	1,425,000	506,000	1,931,000	2,437,000
10/01/51	-	470,375	470,375	-
04/01/52	1,490,000	470,375	1,960,375	2,430,750
10/01/52	-	433,125	433,125	-
04/01/53	1,570,000	433,125	2,003,125	2,436,250
10/01/53	-	393,875	393,875	-
04/01/54	1,645,000	393,875	2,038,875	2,432,750
10/01/54	-	352,750	352,750	-
04/01/55	1,725,000	352,750	2,077,750	2,430,500
10/01/55	-	309,625	309,625	-
04/01/56	1,805,000	309,625	2,114,625	2,424,250
10/01/56	-	264,500	264,500	-
04/01/57	1,890,000	264,500	2,154,500	2,419,000
10/01/57	-	217,250	217,250	-
04/01/58	2,110,000	217,250	2,327,250	2,544,500
10/01/58	-	164,500	164,500	-
04/01/59	6,580,000	164,500	6,744,500	6,909,000
10/01/59	-	-	-	-
04/01/60	-	-	-	-
10/01/60	-	-	-	-
04/01/61	-	-	-	-
10/01/61	-	-	-	-
04/01/62	-	-	-	-
38,000,000		38,631,000	76,631,000	76,631,000

Oklahoma Water Resources Board
Drinking Water SRF - Cash Flow & Capacity Analysis (August 2023)
Projected Future Program Cashflows

2030 Future Bond Issue

Date	Principal	5.00% Interest	Total Debt Service	Fiscal Year Debt Service
04/01/30			-	
10/01/30	-	475,000	475,000	
04/01/31	-	950,000	950,000	1,425,000
10/01/31	-	950,000	950,000	-
04/01/32	530,000	950,000	1,480,000	2,430,000
10/01/32	-	936,750	936,750	-
04/01/33	560,000	936,750	1,496,750	2,433,500
10/01/33	-	922,750	922,750	-
04/01/34	585,000	922,750	1,507,750	2,430,500
10/01/34	-	908,125	908,125	-
04/01/35	610,000	908,125	1,518,125	2,426,250
10/01/35	-	892,875	892,875	-
04/01/36	645,000	892,875	1,537,875	2,430,750
10/01/36	-	876,750	876,750	-
04/01/37	680,000	876,750	1,556,750	2,433,500
10/01/37	-	859,750	859,750	-
04/01/38	715,000	859,750	1,574,750	2,434,500
10/01/38	-	841,875	841,875	-
04/01/39	750,000	841,875	1,591,875	2,433,750
10/01/39	-	823,125	823,125	-
04/01/40	785,000	823,125	1,608,125	2,431,250
10/01/40	-	803,500	803,500	-
04/01/41	825,000	803,500	1,628,500	2,432,000
10/01/41	-	782,875	782,875	-
04/01/42	865,000	782,875	1,647,875	2,430,750
10/01/42	-	761,250	761,250	-
04/01/43	910,000	761,250	1,671,250	2,432,500
10/01/43	-	738,500	738,500	-
04/01/44	960,000	738,500	1,698,500	2,437,000
10/01/44	-	714,500	714,500	-
04/01/45	1,005,000	714,500	1,719,500	2,434,000
10/01/45	-	689,375	689,375	-
04/01/46	1,055,000	689,375	1,744,375	2,433,750
10/01/46	-	663,000	663,000	-
04/01/47	1,110,000	663,000	1,773,000	2,436,000
10/01/47	-	635,250	635,250	-
04/01/48	1,160,000	635,250	1,795,250	2,430,500
10/01/48	-	606,250	606,250	-
04/01/49	1,220,000	606,250	1,826,250	2,432,500
10/01/49	-	575,750	575,750	-
04/01/50	1,280,000	575,750	1,855,750	2,431,500
10/01/50	-	543,750	543,750	-
04/01/51	1,350,000	543,750	1,893,750	2,437,500
10/01/51	-	510,000	510,000	-
04/01/52	1,420,000	510,000	1,930,000	2,440,000
10/01/52	-	474,500	474,500	-
04/01/53	1,490,000	474,500	1,964,500	2,439,000
10/01/53	-	437,250	437,250	-
04/01/54	1,565,000	437,250	2,002,250	2,439,500
10/01/54	-	398,125	398,125	-
04/01/55	1,645,000	398,125	2,043,125	2,441,250
10/01/55	-	357,000	357,000	-
04/01/56	1,730,000	357,000	2,087,000	2,444,000
10/01/56	-	313,750	313,750	-
04/01/57	1,815,000	313,750	2,128,750	2,442,500
10/01/57	-	268,375	268,375	-
04/01/58	1,900,000	268,375	2,168,375	2,436,750
10/01/58	-	220,875	220,875	-
04/01/59	2,120,000	220,875	2,340,875	2,561,750
10/01/59	-	167,875	167,875	-
04/01/60	6,715,000	167,875	6,882,875	7,050,750
10/01/60	-	-	-	-
04/01/61	-	-	-	-
10/01/61	-	-	-	-
04/01/62	-	-	-	-
10/01/62	-	-	-	-
04/01/63	-	-	-	-
	38,000,000	38,772,500	76,772,500	76,772,500

Oklahoma Water Resources Board
Drinking Water SRF - Cash Flow & Capacity Analysis (August 2023)
Projected Future Program Cashflows

2031 Future Bond Issue

Date	Principal	5.00% Interest	Total Debt Service	Fiscal Year Debt Service
04/01/31			-	
10/01/31	-	475,000	475,000	
04/01/32	-	950,000	950,000	1,425,000
10/01/32	-	950,000	950,000	-
04/01/33	525,000	950,000	1,475,000	2,425,000
10/01/33	-	936,875	936,875	-
04/01/34	550,000	936,875	1,486,875	2,423,750
10/01/34	-	923,125	923,125	-
04/01/35	580,000	923,125	1,503,125	2,426,250
10/01/35	-	908,625	908,625	-
04/01/36	610,000	908,625	1,518,625	2,427,250
10/01/36	-	893,375	893,375	-
04/01/37	640,000	893,375	1,533,375	2,426,750
10/01/37	-	877,375	877,375	-
04/01/38	670,000	877,375	1,547,375	2,424,750
10/01/38	-	860,625	860,625	-
04/01/39	705,000	860,625	1,565,625	2,426,250
10/01/39	-	843,000	843,000	-
04/01/40	740,000	843,000	1,583,000	2,426,000
10/01/40	-	824,500	824,500	-
04/01/41	780,000	824,500	1,604,500	2,429,000
10/01/41	-	805,000	805,000	-
04/01/42	820,000	805,000	1,625,000	2,430,000
10/01/42	-	784,500	784,500	-
04/01/43	860,000	784,500	1,644,500	2,429,000
10/01/43	-	763,000	763,000	-
04/01/44	900,000	763,000	1,663,000	2,426,000
10/01/44	-	740,500	740,500	-
04/01/45	945,000	740,500	1,685,500	2,426,000
10/01/45	-	716,875	716,875	-
04/01/46	995,000	716,875	1,711,875	2,428,750
10/01/46	-	692,000	692,000	-
04/01/47	1,045,000	692,000	1,737,000	2,429,000
10/01/47	-	665,875	665,875	-
04/01/48	1,105,000	665,875	1,770,875	2,436,750
10/01/48	-	638,250	638,250	-
04/01/49	1,160,000	638,250	1,798,250	2,436,500
10/01/49	-	609,250	609,250	-
04/01/50	1,220,000	609,250	1,829,250	2,438,500
10/01/50	-	578,750	578,750	-
04/01/51	1,280,000	578,750	1,858,750	2,437,500
10/01/51	-	546,750	546,750	-
04/01/52	1,345,000	546,750	1,891,750	2,438,500
10/01/52	-	513,125	513,125	-
04/01/53	1,410,000	513,125	1,923,125	2,436,250
10/01/53	-	477,875	477,875	-
04/01/54	1,485,000	477,875	1,962,875	2,440,750
10/01/54	-	440,750	440,750	-
04/01/55	1,560,000	440,750	2,000,750	2,441,500
10/01/55	-	401,750	401,750	-
04/01/56	1,650,000	401,750	2,051,750	2,453,500
10/01/56	-	360,500	360,500	-
04/01/57	1,735,000	360,500	2,095,500	2,456,000
10/01/57	-	317,125	317,125	-
04/01/58	1,825,000	317,125	2,142,125	2,459,250
10/01/58	-	271,500	271,500	-
04/01/59	1,915,000	271,500	2,186,500	2,458,000
10/01/59	-	223,625	223,625	-
04/01/60	2,145,000	223,625	2,368,625	2,592,250
10/01/60	-	170,000	170,000	-
04/01/61	6,800,000	170,000	6,970,000	7,140,000
10/01/61	-	-	-	-
04/01/62	-	-	-	-
10/01/62	-	-	-	-
04/01/63	-	-	-	-
10/01/63	-	-	-	-
04/01/64	-	-	-	-
	38,000,000	38,894,000	76,894,000	76,894,000

Oklahoma Water Resources Board
Drinking Water SRF - Cash Flow & Capacity Analysis (August 2023)
Projected Future Program Cashflows

2032 Future Bond Issue

Date	Principal	5.00% Interest	Total Debt Service	Fiscsl Year Debt Service
04/01/32			-	
10/01/32	-	475,000	475,000	
04/01/33	-	950,000	950,000	1,425,000
10/01/33	-	950,000	950,000	-
04/01/34	520,000	950,000	1,470,000	2,420,000
10/01/34	-	937,000	937,000	-
04/01/35	545,000	937,000	1,482,000	2,419,000
10/01/35	-	923,375	923,375	-
04/01/36	570,000	923,375	1,493,375	2,416,750
10/01/36	-	909,125	909,125	-
04/01/37	600,000	909,125	1,509,125	2,418,250
10/01/37	-	894,125	894,125	-
04/01/38	630,000	894,125	1,524,125	2,418,250
10/01/38	-	878,375	878,375	-
04/01/39	660,000	878,375	1,538,375	2,416,750
10/01/39	-	861,875	861,875	-
04/01/40	700,000	861,875	1,561,875	2,423,750
10/01/40	-	844,375	844,375	-
04/01/41	730,000	844,375	1,574,375	2,418,750
10/01/41	-	826,125	826,125	-
04/01/42	770,000	826,125	1,596,125	2,422,250
10/01/42	-	806,875	806,875	-
04/01/43	810,000	806,875	1,616,875	2,423,750
10/01/43	-	786,625	786,625	-
04/01/44	855,000	786,625	1,641,625	2,428,250
10/01/44	-	765,250	765,250	-
04/01/45	895,000	765,250	1,660,250	2,425,500
10/01/45	-	742,875	742,875	-
04/01/46	940,000	742,875	1,682,875	2,425,750
10/01/46	-	719,375	719,375	-
04/01/47	990,000	719,375	1,709,375	2,428,750
10/01/47	-	694,625	694,625	-
04/01/48	1,035,000	694,625	1,729,625	2,424,250
10/01/48	-	668,750	668,750	-
04/01/49	1,095,000	668,750	1,763,750	2,432,500
10/01/49	-	641,375	641,375	-
04/01/50	1,150,000	641,375	1,791,375	2,432,750
10/01/50	-	612,625	612,625	-
04/01/51	1,210,000	612,625	1,822,625	2,435,250
10/01/51	-	582,375	582,375	-
04/01/52	1,270,000	582,375	1,852,375	2,434,750
10/01/52	-	550,625	550,625	-
04/01/53	1,345,000	550,625	1,895,625	2,446,250
10/01/53	-	517,000	517,000	-
04/01/54	1,420,000	517,000	1,937,000	2,454,000
10/01/54	-	481,500	481,500	-
04/01/55	1,490,000	481,500	1,971,500	2,453,000
10/01/55	-	444,250	444,250	-
04/01/56	1,575,000	444,250	2,019,250	2,463,500
10/01/56	-	404,875	404,875	-
04/01/57	1,660,000	404,875	2,064,875	2,469,750
10/01/57	-	363,375	363,375	-
04/01/58	1,750,000	363,375	2,113,375	2,476,750
10/01/58	-	319,625	319,625	-
04/01/59	1,835,000	319,625	2,154,625	2,474,250
10/01/59	-	273,750	273,750	-
04/01/60	1,925,000	273,750	2,198,750	2,472,500
10/01/60	-	225,625	225,625	-
04/01/61	2,150,000	225,625	2,375,625	2,601,250
10/01/61	-	171,875	171,875	-
04/01/62	6,875,000	171,875	7,046,875	7,218,750
10/01/62	-	-	-	-
04/01/63	-	-	-	-
10/01/63	-	-	-	-
04/01/64	-	-	-	-
10/01/64	-	-	-	-
04/01/65	-	-	-	-
	38,000,000	39,020,250	77,020,250	77,020,250

2033 Future Bond Issue

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OKLAHOMA

Water Resources Board

OKLAHOMA DRINKING WATER TREATMENT LOAN ADMINISTRATIVE FUND

**ANNUAL FINANCIAL STATEMENTS
AS OF AND FOR THE FISCAL YEARS ENDED JUNE 30, 2023 AND 2022
AND INDEPENDENT AUDITOR'S REPORTS**

OKLAHOMA WATER RESOURCES BOARD
 OKLAHOMA DRINKING WATER TREATMENT LOAN ADMINISTRATIVE FUND
 ANNUAL FINANCIAL REPORT
As of and for the Years Ended June 30, 2023 and 2022

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INDEPENDENT AUDITOR'S REPORT

To the Members of the
Oklahoma Water Resources Board

Opinion

We have audited the accompanying financial statements of the Oklahoma Water Resources Board Oklahoma Drinking Water State Revolving Fund Loan Administrative Fund (the "Fund") as of and for the years ended June 30, 2023 and 2022, and the related notes to the financial statements, which collectively comprise the Fund's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the Fund, as of June 30, 2023 and 2022, and the respective changes in financial position and, where applicable, cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to the financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Fund and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Fund's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.

-
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
 - Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Fund's internal control. Accordingly, no such opinion is expressed.
 - Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
 - Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Fund's ability to continue as a going concern for a reasonable period of time.

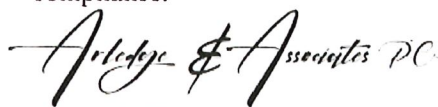
We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated September 15, 2023, on our consideration of the Fund's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Fund's internal control over financial reporting and compliance.



Edmond, Oklahoma
September 15, 2023



**OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA DRINKING WATER TREATMENT LOAN ADMINISTRATIVE FUND
ANNUAL FINANCIAL REPORT**
As of and for the Years Ended June 30, 2023 and 2022

MANAGEMENT'S DISCUSSION AND ANALYSIS

OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA DRINKING WATER TREATMENT LOAN ADMINISTRATIVE FUND
ANNUAL FINANCIAL REPORT
As of and for the Years Ended June 30, 2023 and 2022

MANAGEMENT'S DISCUSSION AND ANALYSIS

Our discussion and analysis of the Oklahoma Drinking Water Treatment Loan Administrative Fund's (the "Fund") financial performance provides an overview of the Fund's financial activities for the fiscal years ended June 30, 2023 and 2022. Please read it in conjunction with the Fund's financial statements, which begin on page 11. The Fund was created to account for the administrative fees and application fees received from loans made from The Oklahoma Drinking Water State Revolving Fund Program (the "Program"). The Oklahoma Department of Environmental Quality manages the capitalization grant. The Oklahoma Water Resources Board (the "Board") handles certain financial functions including originating, approving, and servicing loans made to qualifying recipients as well as maintaining the Fund.

Financial Highlights

- During FY 2023, total operating income increased by \$496,757 or 18.78%. Total operating income increased \$508,872 or 23.82% in FY 2022. Operating revenues come from borrowers paying 0.5% administrative fees on their outstanding loan balance.
- The Fund's net position increased by approximately 20.02% and increased by 27.99% in FY 2023 and FY 2022, respectively. Ending net position increased from \$9,950,345 in FY 2022 to \$11,941,920 in FY 2023. Ending net position increased from \$7,774,021 in FY 2021 to \$9,950,345 in FY 2022.

Using This Annual Report

This annual report is presented in a format that substantially meets the presentation requirements of the Governmental Accounting Standards Board (GASB) in accordance with generally accepted accounting principles. The Fund is accounted for and presented similar to, but not identical to, a special-purpose government engaged solely in business-type activities.

The financial statements for the Fund are presented after the Management's Discussion and Analysis in this annual report and then followed by the footnotes in this order:

- Management's Discussion and Analysis – that provides useful analysis that facilitates a better understanding of the Fund's financial condition and changes therein.
- Basic Financial Statements
 - Statements of Net Position
 - Statements of Revenues, Expenses and Changes in Net Position
 - Statements of Cash Flows
- Footnotes - that elaborate on the accounting principles used in the preparation of the financial statements and further explain financial statement elements.

A Financial Analysis of the Fund

One of the most frequently asked questions about the Fund's finances is, "Has the overall financial condition improved, declined or remained steady over the past year?"

(Unaudited. See accompanying auditor's report.)

OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA DRINKING WATER TREATMENT LOAN ADMINISTRATIVE FUND
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As of and for the Years Ended June 30, 2023 and 2022

The Statement of Net Position and the Statement of Revenues, Expenses, and Changes in Net Position report information about the Fund as a whole and about its activities in a way that helps answer this question. The following tables present a condensed comparative presentation of net position and changes therein.

Oklahoma Water Resources Board
Drinking Water Treatment Loan Account Administrative Fund
Net Position

	Business-Type Activities		
	<u>June 30</u>		
	<u>2023</u>	<u>2022</u>	<u>2021</u>
Current assets	\$ 11,986,446	\$ 10,131,273	\$ 7,932,352
Capital assets, net	15,908	3,942	6,195
Total assets	<u>12,002,354</u>	<u>10,135,215</u>	<u>7,938,547</u>
Current liabilities	60,434	184,870	164,526
Total liabilities	<u>60,434</u>	<u>184,870</u>	<u>164,526</u>
Net position			
Investment in capital assets	15,908	3,942	6,195
Unrestricted	11,926,012	9,946,403	7,767,826
Total net position	<u>\$ 11,941,920</u>	<u>\$ 9,950,345</u>	<u>\$ 7,774,021</u>

In FY 2023, the increase in net position is attributable to an increase in cash from administrative fees collected and a decrease in payables.

In FY 2022, the increase in net position is attributable to an increase in administrative fees receivable and an increase in cash related to only transferring a small portion of the state match for the 2021 federal capitalization grant to the DWSRF Loan Fund.

(Unaudited. See accompanying auditor's report.)

OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA DRINKING WATER TREATMENT LOAN ADMINISTRATIVE FUND
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As of and for the Years Ended June 30, 2023 and 2022

Oklahoma Water Resources Board
Drinking Water Treatment Loan Account Administrative Fund
Revenues, Expenses, and Changes in Net Position

	Business-Type Activities		
	Years Ended June 30,		
	2023	2022	2021
Revenues			
Operating revenues	\$ 3,814,773	\$ 3,300,749	\$ 2,778,085
Non-operating revenues	187,082	82,388	97,677
Total revenues	<u>4,001,855</u>	<u>3,383,137</u>	<u>2,875,762</u>
Expenses			
Personnel expense	280,683	276,931	233,362
Indirect cost expense	87,620	106,037	79,760
Other administrative expenses	230,659	208,515	287,492
Trustee fees	71,024	46,925	39,154
Debt issuance cost	-	14,552	-
Depreciation expense	2,494	2,253	2,253
Total expenses	<u>672,480</u>	<u>655,213</u>	<u>642,021</u>
Net income before transfers	3,329,375	2,727,924	2,233,741
Transfers (to) from other programs	(1,337,800)	(551,600)	(3,122,000)
Change in net position	<u>1,991,575</u>	<u>2,176,324</u>	<u>(888,259)</u>
Total net position - beginning	9,950,345	7,774,021	8,662,280
Total net position - ending	<u>\$ 11,941,920</u>	<u>\$ 9,950,345</u>	<u>\$ 7,774,021</u>

In FY 2023, the increase in net position is attributable to a 15.57% increase in operating revenues from administrative fees and application fees.

Operating revenues increased in FY 2022 due to an increase in program income. The decrease in operating transfers out is attributable to a decrease in the transfer out to the DWSRF Loan Fund to provide the state match requirement for the 2021 federal capitalization grant.

(Unaudited. See accompanying auditor's report.)

**OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA DRINKING WATER TREATMENT LOAN ADMINISTRATIVE FUND
ANNUAL FINANCIAL REPORT
As of and for the Years Ended June 30, 2023 and 2022**

Capital Assets

At the end of June 30, 2023, the capital assets net of accumulated depreciation were \$15,908.

**Oklahoma Water Resources Board
Drinking Water Treatment Loan Account Administrative Fund
Capital Assets
(Net of accumulated depreciation)**

	Years Ended June 30,		
	<u>2023</u>	<u>2022</u>	<u>2021</u>
Automobile	\$ 15,908	\$ 3,942	\$ 6,195
Totals	<u>\$ 15,908</u>	<u>\$ 3,942</u>	<u>\$ 6,195</u>

During FY 2023 the program purchased a vehicle.

See Note 3 to the financial statements for more detailed information on the Fund's capital assets and changes therein.

Economic Factors and Next Year's Outlook

The Oklahoma DWSRF has been extremely popular with communities that borrow from the program. No additional staff is planned at this time. No change in the Oklahoma DWSRF financing strategy is anticipated for the next fiscal year.

Contacting the Fund's Financial Management

This financial report is designed to provide the Board's accountability of the Fund. If you have questions about this report or need additional financial information, contact the Financial Assistance Division of the Oklahoma Water Resources Board at 3800 N. Classen Blvd, Oklahoma City, OK 73118.

(Unaudited. See accompanying auditor's report.)

**OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA DRINKING WATER TREATMENT LOAN ADMINISTRATIVE FUND
ANNUAL FINANCIAL REPORT**
As of and for the Years Ended June 30, 2023 and 2022

BASIC FINANCIAL STATEMENTS

OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA DRINKING WATER TREATMENT LOAN ADMINISTRATIVE FUND
ANNUAL FINANCIAL REPORT
As of and for the Years Ended June 30, 2023 and 2022

Statements of Net Position – June 30, 2023 and 2022

	<u>2023</u>	<u>2022</u>
ASSETS:		
Current Assets:		
Cash and cash equivalents	\$10,801,798	\$9,178,320
Administrative fee receivable	1,172,085	944,042
Interest receivable	12,063	8,911
Other receivable	500	-
Total current assets	<u>11,986,446</u>	<u>10,131,273</u>
Noncurrent Assets:		
Depreciable capital assets, net	<u>15,908</u>	<u>3,942</u>
Total noncurrent assets	<u>15,908</u>	<u>3,942</u>
Total assets	<u>12,002,354</u>	<u>10,135,215</u>
 LIABILITIES:		
Current Liabilities:		
Accounts payable	<u>60,434</u>	<u>184,870</u>
Total current liabilities	<u>60,434</u>	<u>184,870</u>
 NET POSITION:		
Investment in capital assets	15,908	3,942
Unrestricted	<u>11,926,012</u>	<u>9,946,403</u>
Total net position	<u>\$11,941,920</u>	<u>\$9,950,345</u>

See accompanying notes to the basic financial statements.

OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA DRINKING WATER TREATMENT LOAN ADMINISTRATIVE FUND
ANNUAL FINANCIAL REPORT
As of and for the Years Ended June 30, 2023 and 2022

Statements of Revenues, Expenses and Changes in Net Position – Years Ended June 30, 2023 and 2022

	<u>2023</u>	<u>2022</u>
OPERATING REVENUES		
Administrative fee income	\$ 3,804,006	\$ 3,292,849
Application fee income	10,767	7,900
Total operating revenues	<u>3,814,773</u>	<u>3,300,749</u>
OPERATING EXPENSES		
Personnel expense	280,683	276,931
Indirect cost expense	87,620	106,037
Other administrative expenses	230,659	208,515
Trustee fees	71,024	46,925
Debt issuance cost	-	14,552
Depreciation expense	2,494	2,253
Total operating expenses	<u>672,480</u>	<u>655,213</u>
OPERATING INCOME	3,142,293	2,645,536
NON-OPERATING REVENUES		
Interest income	<u>187,082</u>	<u>82,388</u>
Total non-operating revenues	<u>187,082</u>	<u>82,388</u>
Net income before transfers	3,329,375	2,727,924
Transfers to Oklahoma Drinking Water State Revolving Fund Loan Program	<u>(1,337,800)</u>	<u>(551,600)</u>
Change in net position	1,991,575	2,176,324
Total net position - beginning	<u>9,950,345</u>	<u>7,774,021</u>
Total net position - ending	<u><u>\$11,941,920</u></u>	<u><u>\$9,950,345</u></u>

See accompanying notes to the basic financial statements.

OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA DRINKING WATER TREATMENT LOAN ADMINISTRATIVE FUND
ANNUAL FINANCIAL REPORT
As of and for the Years Ended June 30, 2023 and 2022

Statements of Cash Flows – Years Ended June 30, 2023 and 2022

	<u>2023</u>	<u>2022</u>
CASH FLOWS FROM OPERATING ACTIVITIES		
Administrative fee income	\$3,575,963	\$3,169,881
Application fee income	10,267	7,900
Payments to employees	(280,683)	(276,931)
Payments to other suppliers	(513,739)	(355,685)
Net Cash Provided by Operating Activities	<u>2,791,808</u>	<u>2,545,165</u>
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES		
Transfers to Oklahoma Drinking Water State Revolving Fund Loan Program	(1,337,800)	(551,600)
Net Cash Provided by (Used in) Noncapital Financing Activities	<u>(1,337,800)</u>	<u>(551,600)</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES		
Purchase of capital assets	(14,460)	-
Net Cash Provided by (Used in) Capital and Related Financing Activities	<u>(14,460)</u>	<u>-</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Interest income	183,930	80,458
Net Cash Provided by Investing Activities	<u>183,930</u>	<u>80,458</u>
Net Increase in Cash and Cash Equivalents	1,623,478	2,074,023
Balances - beginning of the year	<u>9,178,320</u>	<u>7,104,297</u>
Balances - end of the year	<u><u>\$10,801,798</u></u>	<u><u>\$9,178,320</u></u>
Reconciliation of operating income to net cash provided by operating activities:		
Operating income	\$3,142,293	\$2,645,536
Adjustments to reconcile operating income to net cash provided by operating activities:		
Depreciation	2,494	2,253
Other income	-	-
Change in assets and liabilities:		
Decrease (Increase) in administration fee receivable	(228,043)	(122,968)
Decrease (Increase) in other receivable	(500)	-
Increase (Decrease) in other accrued liabilities	(124,436)	20,344
Net Cash Provided by Operating Activities	<u><u>\$2,791,808</u></u>	<u><u>\$2,545,165</u></u>

See accompanying notes to the basic financial statements.

OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA DRINKING WATER TREATMENT LOAN ADMINISTRATIVE FUND
ANNUAL FINANCIAL REPORT
As of and for the Years Ended June 30, 2023 and 2022

Footnotes to the Basic Financial Statements:

1. Summary of Significant Accounting Policies

Reporting Entity

The Oklahoma Drinking Water Treatment Revolving Loan Account (the "Program"), Title 82 Oklahoma Statutes, Sections 1085.71 et seq. was created pursuant to the 1996 Amendments (P.L. 104-182) to the Federal Safe Drinking Water Act set apart from all other Oklahoma Water Resources Board accounts and programs to be permanent and perpetual; not subject to fiscal year limitations. Title 82, Section 1085.84 created the Oklahoma Drinking Water Treatment Loan Administrative Fund (the "Fund") for the purpose of administering the Program, transferring monies into the Program and for other purposes authorized by the Federal Safe Drinking Water Act. The Fund consists of revenues primarily from loan administrative fees, Fund investment earnings, and loan application processing fees.

Administrative fees are assessed on loans made from the Program. Fees are assessed to each participating municipality at the rate of one-half of one percent (0.5%) per annum of the amount of each municipality's loan balance outstanding.

The significant accounting principles and practices followed by the Fund are presented below:

Basis of Accounting and Measurement Focus

The Fund is accounted for and presented similar to, but not identical to, a special-purpose government engaged solely in business type activities.

The Fund uses the accrual basis of accounting whereby expenses are recognized when the liability is incurred, and revenues are recognized when earned.

The Fund uses the economic resources measurement focus where all assets, liabilities, net position, revenues, expenses, and transfers relating to the Program and net income and capital maintenance are measured.

The accompanying financial statements have been prepared in conformity with generally accepted accounting principles as prescribed by the Governmental Accounting Standards Board ("GASB").

Cash and Cash Equivalents

The Fund considers all highly liquid debt instruments purchased with an original maturity of three months or less and money market funds to be cash equivalents.

Capital Assets

Capital assets are stated at cost, less accumulated depreciation. Depreciation is charged to operating expense and is computed using the straight-line method. The useful life of the software and printer has been estimated at 7 years. The useful life of automobiles has been estimated at 5 years. Maintenance and repairs are charged to operations when incurred and improvements are capitalized. The Fund's policy is to capitalize purchases more than \$5,000. When assets are retired or otherwise

OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA DRINKING WATER TREATMENT LOAN ADMINISTRATIVE FUND
ANNUAL FINANCIAL REPORT
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1. Summary of Significant Accounting Policies (cont'd)

disposed of the cost and related accumulated depreciation are removed from the respective accounts and the resulting gain or loss is reflected in operations.

Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Date of Management's Review of Subsequent Events

Management has evaluated subsequent events through September 15, 2023, the date the financial statements were available to be issued and determined that no subsequent events have occurred that require adjustment to or disclosure in the financial statements.

2. Cash Deposits and Investment Risk

Cash of \$10,798,474 and \$9,178,165 at June 30, 2023 and 2022, respectively, was on deposit in the State Treasurer's office's internal investment pool – *OK Invest*. Short-term investments of \$3,324 and \$155 at June 30, 2023 and 2022, respectively, were on deposit with the Program's trustee. The deposits are invested in *Federated Hermes Treasury Obligations* money market mutual funds.

Custodial credit risk for deposits is the risk that in the event of a bank or other institution failure, the Fund's deposits may not be returned, or the Fund will not be able to recover collateral securities in the possession of an outside party. The Fund deposits its funds with the Office of the State Treasurer (OST). Oklahoma statutes require OST to ensure that all state funds either be insured by Federal Deposit Insurance, collateralized by securities held by the cognizant Federal Reserve Bank, or invested in U.S. government obligations. The Fund's deposits with the State Treasurer are pooled with the funds of other State agencies and then, in accordance with statutory limitations, placed in financial institutions or invested as the Treasurer may determine, in the State's name.

Of the \$10,798,474 and \$9,178,165 in cash and cash equivalents on deposit with the State Treasurer as of June 30, 2023, and June 30, 2022, respectively, 100%, represent amounts held within OK INVEST. Agencies and funds that are considered to be part of the State's reporting entity in the State's Annual Comprehensive Financial Report are allowed to participate in OK INVEST. Oklahoma statutes and the State Treasurer establish the primary objectives and guidelines governing the investment of funds in OK INVEST. Safety, liquidity, and return on investment are the objectives that establish the framework for the day to day OK INVEST management with an emphasis on safety of the capital and the probable income to be derived and meeting the State's daily cash flow requirements. Guidelines in the State Treasurer's Investment Policy address credit quality requirements, diversification percentages and the types and maturities of allowable investments. The specifics regarding these policies can be found on the State Treasurer's website at <http://www.ok.gov/treasurer/>. An evaluation of the use and purpose of the Funds participation in the internal investment pool determined that the amounts on deposit with OK INVEST are considered demand accounts and reported as cash equivalents.

OKLAHOMA WATER RESOURCES BOARD
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As of and for the Years Ended June 30, 2023 and 2022

2. Cash Deposits and Investment Risk (cont'd)

The Program categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the assets. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs.

At June 30, 2023 and 2022, the Program's investments in obligations not directly guaranteed by the U.S. Government and investments in money market mutual funds were valued according to the following hierarchy and were rates as follows:

- OK Invest (State Treasurer) – not subject to credit ratings or fair value hierarchy
- Federated Hermes Treasury Obligation – credit rating AAAM and fair value hierarchy of Level I

3. Capital Assets

A summary of equipment activity follows:

	Beginning Balance July 1, 2022	Additions	Deletions	Ending Balance June 30, 2023
Other capital assets:				
Computer software	\$ 113,156	-	-	\$ 113,156
Printer	2,000	-	-	2,000
Automobile	34,061	14,460	-	48,521
Total other capital assets, historical cost	<u>\$ 149,217</u>	<u>14,460</u>	<u>-</u>	<u>\$ 163,677</u>
Less: accumulated depreciation for:				
Computer software	\$ 113,156	-	-	\$ 113,156
Printer	2,000	-	-	2,000
Automobile	30,119	2,494	-	32,613
Total accumulated depreciation	<u>\$ 145,275</u>	<u>2,494</u>	<u>-</u>	<u>\$ 147,769</u>
Other capital assets, net	<u>\$ 3,942</u>	<u>11,966</u>	<u>-</u>	<u>\$ 15,908</u>
	Beginning Balance July 1, 2021	Additions	Deletions	Ending Balance June 30, 2022
Other capital assets:				
Computer software	\$ 113,156	-	-	\$ 113,156
Printer	2,000	-	-	2,000
Automobile	34,061	-	-	34,061
Total other capital assets, historical cost	<u>\$ 149,217</u>	<u>-</u>	<u>-</u>	<u>\$ 149,217</u>
Less: accumulated depreciation for:				
Computer software	\$ 113,156	-	-	\$ 113,156
Printer	2,000	-	-	2,000
Automobile	27,866	2,253	-	30,119
Total accumulated depreciation	<u>\$ 143,022</u>	<u>2,253</u>	<u>-</u>	<u>\$ 145,275</u>
Other capital assets, net	<u>\$ 6,195</u>	<u>(2,253)</u>	<u>-</u>	<u>\$ 3,942</u>

**OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA DRINKING WATER TREATMENT LOAN ADMINISTRATIVE FUND
ANNUAL FINANCIAL REPORT
As of and for the Years Ended June 30, 2023 and 2022**

4. Indirect Costs

Indirect costs represent recoverable personnel costs charged to the Program by the Fund in connection with administering and accounting for activities of the Program. The amount allocated to the Program is based on a percentage of the Fund personnel costs as established in an indirect cost allocation plan. The indirect cost rate for the year ended June 30, 2023 and 2022 were 68.69% and 68.77%, respectively.

**OKLAHOMA WATER RESOURCES BOARD
OKLAHOMA DRINKING WATER TREATMENT LOAN ADMINISTRATIVE FUND
ANNUAL FINANCIAL REPORT**
As of and for the Years Ended June 30, 2023 and 2022

INTERNAL CONTROL OVER FINANCIAL REPORTING AND COMPLIANCE

INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON
COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED
IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS*

To the Members of the
Oklahoma Water Resources Board

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the Oklahoma Water Resources Board Oklahoma Drinking Water State Revolving Loan Administrative Fund ("the Fund") as of and for the years ended June 30, 2023 and 2022, and the related notes to the financial statements, which collectively comprise the Program's basic financial statements, and have issued our report thereon dated September 15, 2023.

Report on Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Fund's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Fund's internal control. Accordingly, we do not express an opinion on the effectiveness of the Fund's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements, on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or, significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses or significant deficiencies may exist that were not identified.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Fund's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of This Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Arlidge & Associates PC

Edmond, Oklahoma

September 15, 2023



**OKLAHOMA DEPARTMENT OF
ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER
STATE REVOLVING FUND
LOAN PROGRAM**

**FINANCIAL STATEMENTS
AS OF
JUNE 30, 2023 AND 2022
AND INDEPENDENT AUDITOR'S REPORT**

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM

ANNUAL FINANCIAL STATEMENTS
FOR THE YEARS ENDED June 30, 2023 and 2022

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INDEPENDENT AUDITOR'S REPORT

To the Members of the
Oklahoma Department of Environmental Quality
Oklahoma Drinking Water State Revolving Fund Loan Program

Opinion

We have audited the accompanying financial statements of the Oklahoma Department of Environmental Quality/Oklahoma Drinking Water State Revolving Fund Loan Program (the "Program") as of and for the years ended June 30, 2023 and 2022, and the related notes to the financial statements, which collectively comprise the Program's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Program as of June 30, 2023 and 2022, and the changes in financial position and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to the financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Program and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Program's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Program's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Program's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis information be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Supplementary Information

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Program's basic financial statements. The combining financial statements are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the combining financial statements are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated September 15, 2023 on our consideration of the Program's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Program's internal control over financial reporting and compliance.

Arledge & Associates PC

Edmond, Oklahoma
September 15, 2023



MANAGEMENT'S DISCUSSION AND ANALYSIS

(Unaudited)

Our discussion and analysis of the Oklahoma Drinking Water State Revolving Fund Program's (the "Program") financial performance provides an overview of the Program's financial activities for the fiscal year ended June 30, 2023. Please read it in conjunction with the Program's financial statements, which begin on page 5. The Oklahoma Department of Environmental Quality ("ODEQ") administers the Program. ODEQ's primary activities include providing direct assistance and managing the coordination of the Program to meet the objectives of the Safe Drinking Water Act. Pursuant to an interagency agreement between ODEQ and the Oklahoma Water Resources Board (the "OWRB"), OWRB handles certain financial functions including originating, approving and servicing loans made to qualifying recipients.

FINANCIAL HIGHLIGHTS

- The Program's net position increased by over 9.9% from \$323,767,946 in FY-2022 to \$355,938,351 in FY-2023. The increase in net position is primarily attributable to an increase in federal grant revenue provided by the Infrastructure Investment and Jobs Act known as the Bipartisan Infrastructure Law (BIL).
- The Program experienced an increase of \$145,927,894 in the amount of outstanding loans. At June 30, 2023, the Program had 175 outstanding loans with a principal balance of \$808,833,884. At June 30, 2022, the Program had 160 outstanding loans with a principal balance of \$662,905,990.

PROGRAM HIGHLIGHTS

- During FY 2023, twenty-one (21) construction loans, totaling approximately \$82.4 million were made to correct deficiencies and achieve compliance with the national primary drinking water regulations or otherwise further public health protection objectives of the Safe Drinking Water Act (SDWA).
- During FY 2023, we completed construction on seventeen (17) projects totaling \$56.6 million.
- During FY 2023, we made binding commitments for twenty-one (21) new loans, totaling approximately \$86.5 million, in drinking water construction for communities to correct problems and achieve compliance with the SDWA.

ECONOMIC FACTORS AND NEXT YEAR'S OUTLOOK

The Oklahoma DWSRF has been extremely popular with communities that borrow from the program. The Program's financing strategy of providing long-term loans at 70% of market rate has been consistent for many years. No additional staff is planned at this time. The Program is expected to increase assets as well as operating income as more loans are approved and eligible draws are made from the federal capitalization grants and the bond issue.

CONTACTING THE PROGRAM'S FINANCIAL MANAGEMENT

This financial report is designed to provide the DEQ's accountability of the Program. If you have questions about this report or need additional financial information, contact the Administrative Services Division of the Oklahoma Department of Environmental Quality at 707 North Robinson, Oklahoma City, OK 73101.

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM**

**STATEMENTS OF NET POSITION
June 30, 2023 and 2022**

	<u>ASSETS</u>	<u>2023</u>	<u>2022</u>
Current Assets:			
Cash	\$	105,934,013	\$ 103,941,575
Federal letter of credit payments receivable		1,292,987	585,743
Accrued interest on loans receivable		4,528,300	3,860,038
Other interest receivable		357,540	147,451
Loans receivable		41,416,293	31,939,759
Total current assets		<u>153,529,133</u>	<u>140,474,566</u>
Noncurrent Assets:			
Restricted cash		119,803,974	78,736,915
Restricted investments		10,377,390	13,047,856
Loans receivable, net of current portion and allowance for uncollectible loans of \$0 for 2023 and \$20,383 in 2022		767,417,591	630,966,231
Equipment, net		412,256	619,995
Total noncurrent assets		<u>898,011,211</u>	<u>723,370,997</u>
Total assets		<u>1,051,540,344</u>	<u>863,845,563</u>
	<u>LIABILITIES</u>		
Current Liabilities:			
Accounts payable		287,791	230,119
Due to Oklahoma Department of of Environmental Quality ("ODEQ")		1,406,706	990,930
Compensated absences		146,322	176,161
Interest payable		5,149,572	4,475,933
Current maturities of long-term debt		20,525,000	16,410,000
Total current liabilities		<u>27,515,391</u>	<u>22,283,143</u>
Noncurrent Liabilities:			
Compensated absences		62,710	75,497
Long-term debt, net of current maturities		604,270,000	449,795,000
Unamortized (discount)/premium		57,643,038	61,487,210
Total noncurrent liabilities		<u>661,975,748</u>	<u>511,357,707</u>
Total liabilities		<u>689,491,139</u>	<u>533,640,850</u>
	<u>DEFERRED INFLOW OF RESOURCES</u>		
Unamortized (gain/loss) on refunding		<u>6,110,854</u>	<u>6,436,767</u>
	<u>NET POSITION</u>		
Invested in capital assets, net of related debt		412,256	619,995
Restricted for loans and debt service		356,136,637	324,034,915
Unrestricted net position		<u>(610,542)</u>	<u>(886,964)</u>
Total net position	\$	<u>355,938,351</u>	\$ <u>323,767,946</u>

See accompanying notes and independent auditors report.

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM

STATEMENTS OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION
June 30, 2023 and 2022

	2023	2022
REVENUES		
Operating revenues:		
Federal grants	\$ 4,432,871	\$ 4,666,993
Loan program income	16,329,141	13,200,445
Total operating revenue	20,762,012	17,867,438
EXPENSES		
Operating expenses:		
Salaries and benefits	2,380,977	2,693,492
Professional services	888,642	910,631
Travel	117,866	83,631
Office	136,857	161,840
Equipment	1,640	2,935
Depreciation	207,739	205,234
Indirect costs	641,918	622,559
Other expense	(11,451)	71,027
Interest expense	15,396,309	12,532,189
Bad debt expense	(20,383)	-
Debt issuance costs	798,915	1,131,427
Total operating expenses	20,539,029	18,414,965
Operating income (loss)	222,983	(547,527)
NONOPERATING REVENUES (EXPENSES)		
Federal grants	37,839,485	12,898,931
Federal grants-principal forgiveness	(8,648,655)	(5,159,150)
Gain on Refunding	-	1,792,672
Loss on Investments	(51,466)	(707,475)
Investment income	115,702	137,370
Interest income-invested cash balances	1,354,556	726,512
Net nonoperating revenues	30,609,622	9,688,860
Income (loss) before transfers	30,832,605	9,141,333
Transfers out - Oklahoma Water Resources Board	-	(760,638)
Transfers in - Drinking Water Treatment Loan Admin Fund	1,337,800	551,600
Total Transfers	1,337,800	(209,038)
Increase (decrease) in net position	32,170,405	8,932,295
NET POSITION		
Net position, beginning of year	323,767,946	314,835,651
Net position, end of year	\$ 355,938,351	\$ 323,767,946

See accompanying notes and independent auditors report.

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM

STATEMENTS OF CASH FLOWS
For the Years Ended June 30, 2023 and 2022

	2023	2022
CASH FLOWS FROM OPERATING ACTIVITIES		
Federal grant receipts	\$ 3,949,320	\$ 4,930,421
Collection of interest on loans to local governmental units	15,681,262	12,891,891
Payments to employees	(2,423,603)	(2,619,690)
Payments to suppliers	(1,525,717)	(1,922,424)
Interest paid on debt	(17,903,734)	(15,269,586)
Net cash provided (used) by operating activities	(2,222,472)	(1,989,388)
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES		
Proceeds from bond issuance	174,010,978	228,543,273
Bond defeasance costs	-	(20,600,000)
Bond issuance cost	(798,915)	(1,131,427)
Principal paid on bonds	(16,410,000)	(19,780,000)
Federal grant receipts	29,190,830	7,739,781
Transfers in (out) - Oklahoma Water Resources Board	-	(760,638)
Transfers in (out) - Drinking Water Treatment Loan Administrative Fund	1,337,800	551,600
Net cash provided (used) by noncapital financing activities	187,330,693	194,562,589
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES		
Purchase of equipment	-	(388,307)
Net cash provided (used) in capital and related financing activities	-	(388,307)
CASH FLOWS FROM INVESTING ACTIVITIES		
Loans to local governmental units	(183,967,782)	(142,545,098)
Collection of principal on loans to local governmental units	29,391,233	57,553,164
Collection of principal on loans to local governmental units from federal grant proceeds	8,648,655	5,159,150
Interest on investments	115,703	137,370
Interest on invested cash balances	1,144,467	726,512
Sale (Purchase) of investments	2,619,000	3,310,478
Net cash provided (used) by investing activities	(142,048,724)	(75,658,424)
Net increase (decrease in cash)	43,059,497	116,526,470
Cash and cash equivalents, beginning of year	182,678,490	66,152,020
Cash and cash equivalents, end of year	\$ 225,737,987	\$ 182,678,490
Reconciliation to Statement of Net Position:		
Cash	\$ 105,934,013	\$ 103,941,575
Restricted Cash	119,803,974	78,736,915
Total cash and cash equivalents	\$ 225,737,987	\$ 182,678,490
RECONCILIATION OF NET OPERATING REVENUES (EXPENSES) TO NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES		
Operating income (loss)	\$ 222,983	\$ (547,527)
Adjustment to reconcile net operating income (loss) to net cash provided by operating activities:		
Depreciation	207,739	205,234
Amortization of bond premium	(2,855,150)	(3,028,118)
Deferred amount on refunding	(325,913)	(325,912)
Loss on investment	-	(707,475)
Debt issuance cost	798,914	1,131,427
Provision (recovery) for uncollectable loans	-	20,383
Changes in operating assets and liabilities:		
Decrease (Increase) in letter of credit payments receivable	(228,325)	(149,032)
Decrease (Increase) in interest receivable	(668,262)	(360,686)
Increase (Decrease) in accounts payable	(62,628)	203,797
Increase (Decrease) in letter of credit payments payable	(105,473)	(11,522)
Increase(Decrease) in due to/from DEQ	162,630	150,386
Increase(Decrease) in compensated absences	(42,626)	73,800
Increase(Decrease) in interest payable	673,639	1,355,857
Net cash provided (used) by operating activities	\$ (2,222,472)	\$ (1,989,388)

See accompanying notes and independent auditors report.

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM**

NOTES TO FINANCIAL STATEMENTS

June 30, 2023 and 2022

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Reporting Entity

The Oklahoma Drinking Water State Revolving Fund Loan Program (the "Program") was created pursuant to the Federal Safe Drinking Water Act Amendments of 1995 (the "Act"), Section 1452, to provide a perpetual fund for financing the construction of drinking water treatment facilities for municipalities and other entities. The program utilizes Federal Capitalization grants, required State matching funds, bond proceeds, interest received on loans and invested cash balances. Standard loans made by the Program must be repaid within 30 years from construction completion.

The Program consists of two program components: 1) set-aside funds and 2) loan fund. The set-aside funds are administered by the Oklahoma Department of Environmental Quality ("ODEQ"). ODEQ's primary activities include providing direct assistance and managing the coordination of the Program to meet its primary objective pursuant to the Act. The loan fund is administered by the Oklahoma Water Resources Board ("OWRB") pursuant to an interagency agreement between ODEQ and OWRB. The OWRB handles certain financial functions, including the originating, approving and servicing loans made to qualifying recipients.

Basis of Accounting and Measurement Focus

The Program prepares its financial statements in conformity with generally accepted accounting principles as prescribed by the Governmental Accounting Standards Board ("GASB"). The Program is accounted for and presented similar to a special-purpose government engaged solely in business type activities.

The financial statements of the Program are prepared under the accrual basis of accounting. Revenues are recognized when earned and expenses are recognized when the liability is incurred. The Program uses the economic resources measurement focus where all assets, liabilities, net position, revenues, expenses and transfers relating to the Program and net income and capital maintenance are measured.

Federal Letter of Credit Payments

Funding from Federal grants is provided through a Federal letter of credit ("LOC"). The Program records revenue as qualifying expenditures are made or as expenses are incurred, as appropriate. Availability of funds under the LOC is specified by the terms of the grant. The Program draws on the available funds as necessary to fund operations and selected loans.

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM**

NOTES TO FINANCIAL STATEMENTS

June 30, 2023 and 2022

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Cont'd)

Federal Grants

Federal grants are recognized as operating revenue upon payment of allowable grant expenditures eligible for reimbursement from the EPA and not covered by state matching or program income.

Cash and Cash Equivalents

The Program considers all highly liquid debt instruments purchased with an original maturity of three months or less and money market funds to be cash equivalents.

Restricted Cash

Restricted cash represents the portion of the Program's cash balance at year-end that has been obligated for known future expenditures, such as loans, which have been approved and are complete as to all application requirements. The restricted portion fluctuates as obligated funds are used or as funds are de-obligated.

Restricted Investments

Restricted investments at June 30, 2023 represents a portion of the Series 2013B Revenue Bonds as well as the residual investment amounts related to the Series 2003 Revenue Bonds remaining after the retirement of the Series 2003 Revenue bonds during FY-2016. The amount has been set-aside into a Debt Service Reserve Fund. The Debt Service Reserve fund portion of restricted investments totals \$10,377,390 and \$13,047,856 at June 30, 2023 and June 30, 2022, respectively (See Note 5).

Equipment

Equipment is recorded at cost. Depreciation is computed using the straight-line method over the estimated useful lives of the assets. The useful life of software has been estimated at 3 years. The useful life of computers has been estimated at 3 to 5 years. The useful life of equipment has been estimated at 5 years. The useful life of furniture has been estimated at 9 years. The Program's policy is to capitalize individual asset purchases in excess of \$5,000.

Debt Issuance Costs

Debt issuance costs are expensed as incurred.

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM**

NOTES TO FINANCIAL STATEMENTS

June 30, 2023 and 2022

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Cont'd)

Bond Issue Discount and Premium

The Program's State Revolving Fund Revenue Bonds Series 2021, Series 2020, Series 2018, and Series 2016 were initially sold at a premium of \$76,316,271. Series 2023A was initially sold at a discount of 984,845. The bond discount/premium is being amortized over the remaining life of the bonds. Net amortization expense of \$2,855,150 and \$4,833,194 was recorded in 2023 and 2022, respectively, and is included in interest expense in the accompanying statements of revenues, expenses, and changes in net position.

Loan Administration Fees

Loan administrative fees are assessed to each participating borrower by the OWRB at the rate of one-half of one percent per annum of the amount of each borrower's loan balance outstanding. Fees paid by the participating borrowers are remitted directly to OWRB and, therefore, are not included in the accompanying Program financial statements. These fees are deposited into the Drinking Water Loan Administration Fund, an account held outside the Program. The activity within this fund for the years ended June 30, 2023 and 2022 was as follows:

Balance, July 1, 2022	\$ 9,950,345	Balance, July 1, 2021	\$ 7,774,021
Fee income	3,791,644	Fee income	3,099,310
Interest income	197,847	Interest income	90,288
Operating expenses	(660,116)	Operating expenses	(461,674)
Transfers	(1,337,800)	Transfers	(551,600)
Balance, June 30, 2023	\$ 11,941,920	Balance, June 30, 2022	\$ 9,950,345

Unrestricted Net Liability

The unrestricted net liability at June 30, 2023 and 2022, is attributed to the accrual for compensated absences for financial reporting purposes in advance of reimbursement of such costs under the Program's federal funding arrangements.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM**

NOTES TO FINANCIAL STATEMENTS

June 30, 2023 and 2022

2. CASH DEPOSITS AND INVESTMENT RISK

Cash of \$105,934,013 and \$103,941,575 at June 30, 2023 and 2022 respectively, was on deposit in the State Treasurer's office's internal investment pool – *OK Invest*. Restricted cash of \$119,803,974 and \$78,736,915 at June 30, 2023 and 2022 respectively, was on deposit with the Program's trustee. Amounts on deposit with the Program's trustee bank are invested in the *Federated Treasury Obligations*, *Federated Government Obligation*, *Goldman Sachs Financial Square Treasury Obligations* and the *Goldman Sachs Financial Square Federal Funds* money market mutual funds.

Custodial credit risk for deposits is the risk that in the event of a bank or other institution failure, the Program's deposits may not be returned or the Program will not be able to recover collateral securities in the possession of an outside party. The Program deposits its funds with the Office of the State Treasurer (OST). Oklahoma statutes require OST to ensure that all state funds either be insured by Federal Deposit Insurance, collateralized by securities held by the cognizant Federal Reserve Bank, or invested in U.S. government obligations. The Program's deposits with the State Treasurer are pooled with the funds of other State agencies and then, in accordance with statutory limitations, placed in financial institutions or invested as the Treasurer may determine, in the State's name.

Of the \$105,934,013 and \$103,941,575 in cash and cash equivalents on deposit with the State Treasurer as of June 30, 2023 and June 30, 2022, 100% represent amounts held within OK INVEST, an internal investment pool. Agencies and funds that are considered to be part of the State's reporting entity in the State's Comprehensive Annual Financial Report are allowed to participate in OK INVEST. Oklahoma statutes and the State Treasurer establish the primary objectives and guidelines governing the investment of funds in OK INVEST. Safety, liquidity, and return on investment are the objectives that establish the framework for the day-to-day OK INVEST management with an emphasis on safety of the capital and the probable income to be derived and meeting the State's daily cash flow requirements. Guidelines in the State Treasurer's Investment Policy address credit quality requirements, diversification percentages and the types and maturities of allowable investments. The specifics regarding these policies can be found on the State Treasurer's website at <http://www.ok.gov/treasurer/>. An evaluation of the use and purpose of the Program's participation in the internal investment pool determined that the amounts on deposit with OK INVEST are considered demand deposits and are reported as cash equivalents.

Investment Interest Rate Risk – the Program does not have a formal investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates as it relates to funds not directly associated with bond issue proceeds.

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM**

NOTES TO FINANCIAL STATEMENTS

June 30, 2023 and 2022

2. CASH DEPOSITS AND INVESTMENT RISK (Cont'd)

Investment Credit Risk- Non-Debt Proceeds – for non-debt proceeds, the Program has no investment policy that limits its investment choices other than the limitation of state law imposed on the State Treasurer as follows:

- a. U.S. Treasury Bills, Notes and Bonds and U.S. Government Agency Securities with certain ratings and maturity limitations.
- b. Collateralized or insured certificates of deposit and other evidences of deposit issued by a bank, savings bank, savings and loan association or credit union located in the state.
- c. With certain ratings and maturity limitations, negotiable certificates of deposit, bankers' acceptances and commercial paper.
- d. Obligations of state and local governments, including obligations of Oklahoma state public trusts, with certain ratings and maturity limitations.
- e. Collateralized repurchase agreements tri-party repurchase agreements.
- f. Money market mutual funds and short-term bond funds regulated by the Securities and Exchange Commission (SEC) and in which investments consist of obligations of the U.S. Government and its agencies and instrumentalities and repurchase agreements collateralized by obligations of the U.S. Government and its agencies and instrumentalities.

Investment Credit Risk - Debt Proceeds – for debt proceeds, the bond indenture provides for restrictions on the investment choices of the Program as follows:

- a. Obligations of the United States Government, its agencies and instrumentalities.
- b. Collateralized or insured certificates of deposit and other evidences of deposit at banks, savings banks, savings and loan associations or credit unions located in the State of Oklahoma.
- c. Money market funds regulated by the Securities and Exchange Commission and which investments consist of those items specified in (a) and (b) above.
- d. Investment agreements with entities maintaining a rating in the top two categories by a nationally recognized municipal bond rating agency.

The program categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs.

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM**

NOTES TO FINANCIAL STATEMENTS

June 30, 2023 and 2022

2. CASH DEPOSITS AND INVESTMENT RISK (Cont'd)

At June 30, 2023 and 2022, the Program's investments in obligations not directly guaranteed by the U.S. Government and investments in money market mutual funds were valued according to the following hierarchy and were rated as follows:

Type	Maturities	Credit Rating	Fair Value Hierarchy	Carrying Value	
				2023	2022
OK Invest	On Demand	Not Rated	N/A	\$ 105,934,013	\$ 103,941,575
Federated Government Obligation Fund	16 days	AAAm	Level 1	111,688,806	73,770,315
Goldman Sach Fin. Sq. Treasury Oblig. Fund	16 days	AAAm	Level 1	8,115,168	4,966,599
Federal Farm Credit Bank	2022/2025	AA+	Level 2	1,933,798	2,020,903
Federal Home Loan Bank	2023	AA+	Level 2	-	654,043
Federal Loan Mortgage Corp. Int. Strips	2025	AA+	Level 2	2,675,694	2,688,969
Federal National Mortgage Assoc. Int. Strips	2022	AA+	Level 2	-	-
Tennessee Valley Authority	2021	AA+	Level 2	-	-
Tennessee Valley Authority Coupon Strips	2022/2025	AA+	Level 2	5,767,898	7,683,941
Sub-total				\$ 236,115,377	\$ 195,726,345
U.S. Treasury Notes	2020			-	-
				<u>\$ 236,115,377</u>	<u>\$ 195,726,345</u>
Reconciliation to Statement of Net Position					
				\$ 105,934,013	\$ 103,941,575
				119,803,974	78,736,915
				10,377,390	13,047,856
				<u>\$ 236,115,377</u>	<u>\$ 195,726,346</u>

Concentration of Investment Credit Risk – neither the Program nor the bond indenture place any limit on the amount the Program may invest in any one issuer. The Program has the following concentration of credit risk at June 30, 2023: 51% or \$119,803,974 is invested in government obligations money market mutual funds, 4% or \$10,377,390 is invested directly in fixed income securities, and 45% or \$105,934,013 is invested in OK Invest. A "pooled cash" concept is used by ODEQ in maintaining cash and equivalents for the Program's Set Aside accounts. Under this method, cash and equivalents are pooled and each ODEQ program has equity in the pooled amount. There were no pooled cash overdrafts included in Due to ODEQ in the current year.

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM**

**NOTES TO FINANCIAL STATEMENTS
June 30, 2023 and 2022**

3. FEDERAL LETTERS OF CREDIT

Federal letters of credit ("LOC") balances at June 30, 2023 and 2022 are as follows:

	Year Ended June 30, 2023					
	Administrative	Program Management & Reserve	Small Systems	Local Assistance	Loan	Totals
LOC Available for draw	\$ 13,203,712	\$ 27,472,377	\$ 5,679,622	\$ 33,716,168	\$ 283,339,081	\$ 363,410,960
Grant available in 2023	397,400	993,500	198,700	1,490,250	6,855,150	9,935,000
LOC reprogrammed	-	-	-	-	-	-
Cumulative cash draws	13,340,896	27,290,771	5,624,172	33,860,427	291,047,308	371,163,574
LOC balance available for draw at June 30, 2023	<u>\$ 260,216</u>	<u>\$ 1,175,106</u>	<u>\$ 254,150</u>	<u>\$ 1,345,991</u>	<u>\$ (853,077)</u>	<u>\$ 2,182,386</u>

	Year Ended June 30, 2022					
	Administrative	Program Management & Reserve	Small Systems	Local Assistance	Loan	Totals
LOC Available for draw	\$ 12,579,912	\$ 25,912,777	\$ 5,367,702	\$ 31,376,768	\$ 272,577,841	\$ 347,815,000
Grant available in 2022	623,800	1,559,600	311,920	2,339,400	10,761,240	15,595,960
LOC reprogrammed	-	-	-	-	-	-
Cumulative cash draws	12,770,107	26,397,731	5,416,496	31,806,305	275,766,423	352,157,062
LOC balance available for draw at June 30, 2022	<u>\$ 433,605</u>	<u>\$ 1,074,646</u>	<u>\$ 263,126</u>	<u>\$ 1,909,863</u>	<u>\$ 7,572,658</u>	<u>\$ 11,253,898</u>

Due to the fact that the grants cover a period of more than 8 quarters, not all of the balances presented above are available for immediate drawdown.

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM**

NOTES TO FINANCIAL STATEMENTS

June 30, 2023 and 2022

4. LOANS RECEIVABLE

The Program originates loans with Oklahoma municipalities and other entities for financing of public water supply infrastructure construction projects such as drinking water treatment, transmission or storage projects eligible under the Safe Drinking Water Act, or the refinance of existing debt for these purposes. Effective interest rates on the outstanding loans vary from 0% to 3.50% at June 30, 2023 and from 0% to 3.50% at June 30, 2022.

At least 14% of the 2022 annual federal grant must be used for principal forgiveness for projects meeting health-based issues, regionalization, or consolidation criteria. For the period ending June 30, 2023, the Program made 3 loans to borrowers in this category.

At least 12% up to a maximum of 35% of the 2022 federal grant must be used for principal forgiveness for project meeting disadvantaged criteria. For the period ending June 30, 2023, the program made 6 loans borrowers in this category.

During SFY 2023, DEQ was awarded new grants from the Bipartisan Infrastructure Law allotments. The first new grant, DWSRF General Supplemental (GS), required a 49% subsidy. For the period ending June 30, 2023, the program made 19 loans to borrowers in this category. The second new grant, Lead Service Line Inventory/Replacement (LSLI/R), required 49% subsidy and 51% loan. For the period ending June 30, 2023, the program made 2 loans to borrowers in this category. The third new grant, Emerging Contaminants, (EC) requires 100% principal forgiveness. For the period ending June 30, 2023, the program made zero (0) loans to a borrower in this category.

The Program also provides for extended loan terms to borrowers meeting the “disadvantaged communities” criteria. Loan terms can be extended to up to thirty years and not to exceed the useful life of the proposed project. For the periods ending June 30, 2023 and 2022, the Program made 5 and 6 loans, respectively, under the “disadvantaged” criteria.

Loans are collateralized by various revenue sources including, but not limited to, user charges and sales taxes collected by the borrowers. Principal payments must start within one year of construction completion or at an earlier date set in the loan agreement. Loan terms are available up to a maximum of twenty years, except for loans qualifying under the “disadvantaged” criteria for which the maximum term is thirty years. During the years ended June 30, 2023 and 2022, principal payments of \$38,039,888 and \$62,732,697, respectively, had been received.

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM**

**NOTES TO FINANCIAL STATEMENTS
June 30, 2023 and 2022**

4. LOANS RECEIVABLE (Cont'd)

Loans receivable activity from July 1, 2022 to June 30, 2023, is as follows:

Balance, June 30, 2021	\$ 583,093,589
Loan Disbursements	142,545,098
Loan Principal repayments and forgiveness	<u>(62,732,697)</u>
	<u>79,812,401</u>
Balance, June 30, 2022	\$ <u>662,905,990</u>
Loan Disbursements	183,967,782
Loan Principal repayments and forgiveness	<u>(38,039,888)</u>
	<u>145,927,894</u>
Balance, June 30, 2023	\$ <u>808,833,884</u>

5. RESTRICTED INVESTMENTS

A description of the restricted investments held at June 30, 2023 and 2022, is as follows:

<u>Type</u>	<u>2023</u>	<u>2022</u>
Federal Farm Credit Bank	\$ 1,933,798	\$ 2,020,903
Federal Home Loan Bank	-	654,043
Federal Loan Mortgage Corp. Int. Strips	2,675,694	2,688,969
Federal National Mortgage Assoc. Int. Strips	-	-
Tennessee Valley Authority Coupon Strips	<u>5,767,898</u>	<u>7,683,941</u>
	<u>\$ 10,377,390</u>	<u>\$ 13,047,856</u>

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM**

NOTES TO FINANCIAL STATEMENTS

June 30, 2023 and 2022

6. BINDING COMMITMENTS

The OWRB, pursuant to an interagency agreement entered into between ODEQ and OWRB, approves funding of various loan applications through the Program. These binding commitments will be funded by the Program provided that a loan agreement and promissory note are executed within one year from the date of original approval unless an extension is granted by the OWRB. Binding commitments approved by the OWRB for which a loan agreement and promissory note have not been executed totaled \$0 and \$0 at June 30, 2023 and 2022, respectively.

7. EQUIPMENT

A summary of changes to equipment is as follows:

Year ended 2023				
	June 30, 2022	Additions	Disposals	June 30, 2023
Equipment	\$ 2,201,288	-	-	\$ 2,201,288
Accumulated depreciation	(1,581,293)	(207,739)	-	(1,789,032)
Net	\$ 619,995	(207,739)	-	\$ 412,256

Year ended 2022				
	June 30, 2021	Additions	Disposals	June 30, 2022
Equipment	\$ 1,812,981	388,307	-	\$ 2,201,288
Accumulated depreciation	(1,376,059)	(205,234)	-	(1,581,293)
Net	\$ 436,922	183,073	-	\$ 619,995

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM**

**NOTES TO FINANCIAL STATEMENTS
June 30, 2023 and 2022**

8. LONG-TERM DEBT

Bonds Payable

On May 18, 2023, the Program issued State Revolving Fund Revenue Bonds, Series 2023A, in the amount of \$175,000,000. The bonds are secured by the loans made to the local entities by the OWRB, investment income in the Drinking Water State Revolving Fund Account, and monies held in the Debt Service Reserve Fund. These bonds were issued to provide low interest cost financing for Oklahoma Local governmental entities for acquiring, constructing, or improving their drinking water treatment systems, to reimburse the Program for amounts previously advanced to local governments, and to enable the Program to meet the State matching requirements to obtain Federal grants.

On December 22, 2021, the Program issued State Revolving Fund Revenue Bonds, Series 2021, in the amount of \$199,000,000. The bonds are secured by the loans made to the local entities by the OWRB, investment income in the Drinking Water State Revolving Fund Account and monies held in the Debt Service Reserve Fund. These bonds were issued to provide low interest cost financing for Oklahoma Local governmental entities for acquiring, constructing, or improving their drinking water treatment systems, to reimburse the Program for amounts previously advanced to local governments, and to enable the Program to meet the State matching requirements to obtain Federal grants.

On October 22, 2020, the Program issued State Revolving Fund Revenue Bonds, Series 2020 in the amount of \$95,000,000. The bonds are secured by the loans made to the local entities by the OWRB, investment income in the Drinking Water State Revolving Fund Account and monies held in the Debt Service Reserve Fund. These bonds were issued to provide low interest cost financing for Oklahoma Local governmental entities for acquiring, constructing, or improving their drinking water treatment systems, to reimburse the Program for amounts previously advanced to local governments, and to enable the Program to meet the State matching requirements to obtain Federal grants.

On December 19, 2019 the Program issued State Revolving Fund Refunding Bonds, Series 2019 in the amount of \$154,420,000. A portion of the bonds, \$28,210,000, were issued together with certain other available monies and investments to refund the \$48,545,000 of the State Revolving Fund Revenue Bonds, Series 2011A and \$36,890,000 of the State Revolving Fund Revenue Bonds, Series 2012B, and to pay the cost of issuance of the bonds. The remaining portion of the issue was used to refund bonds in the OWRB Clean Water Loan Program.

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM**

NOTES TO FINANCIAL STATEMENTS

June 30, 2023 and 2022

8. LONG-TERM DEBT (Cont'd)

Bonds Payable (Cont'd)

On March 22, 2018, the Program issued State Revolving Fund Revenue Bonds, Series 2018 in the amount of \$80,055,000. The bonds are secured by the loans made to the local entities by the OWRB, investment income in the Drinking Water State Revolving Fund Account and monies held in the Debt Service Reserve Fund. These bonds were issued to provide low interest cost financing for Oklahoma Local governmental entities for acquiring, constructing, or improving their drinking water treatment systems, to reimburse the Program for amounts previously advanced to local governments, and to enable the Program to meet the State matching requirements to obtain Federal grants.

On October 19, 2016, the Program issued State Revolving Fund Revenue Bonds, Series 2016 in the amount of \$90,000,000. The bonds are secured by the loans made to the local entities by the OWRB, investment income in the Drinking Water State Revolving Fund Account and monies held in the Debt Service Reserve Fund. These bonds were issued to provide low interest cost financing for Oklahoma Local governmental entities for acquiring, constructing, or improving their drinking water treatment systems, to reimburse the Program for amounts previously advanced to local governments, and to enable the Program to meet the State matching requirements to obtain Federal grants.

On September 19, 2013, the Program issued State Revolving Fund Revenue Bonds, Series 2013B in the amount of \$35,505,000. The bonds are secured by the loans made to the local entities by the OWRB, investment income in the Drinking Water State Revolving Fund Account and monies held in the Debt Service Reserve Fund. These bonds were issued to provide funds, together with certain other available monies and investments, to retire the Program's Series 2003 Revenue Bonds, and to fund a debt service reserve fund.

Advanced Refunding

The Program used \$24,581,196 of funds available in the 2013A revenue fund along with cash on hand to current refund \$23,985,000 of outstanding principal of the 2013A Drinking Water State Revolving Fund bonds. The available funds were placed in escrow to refund the bonds on December 14, 2021. As a result, the 2013A Series bonds are considered defeased and the liability for the bond has been removed from the Statement of Net Position.

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM**

NOTES TO FINANCIAL STATEMENTS

June 30, 2023 and 2022

8. LONG-TERM DEBT (Cont'd)

Bonds Payable (Cont'd)

The current refunding resulted in a difference between the reacquisition price and the net carrying amount of the old debt of \$1,792,672. This difference, reported in the accompanying financial statements as a deferred inflow, is being charged to operations through the year 2043 using the straight line method. The Board completed the advance refunding to reduce its total debt service payments over the next twenty two years by \$1,065,459 and to obtain an economic gain (the difference between the present values of the old and new debt service payments) of \$7,473,559 for the DW Program.

Future debt service payments required by the Program's serial bonds as of June 30, 2023 are as follows:

<u>Year Ended June 30,</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2024	\$ 20,525,000	\$ 23,432,074	\$ 43,957,074
2025	22,715,000	23,366,318	46,081,318
2026	19,800,000	22,295,981	42,095,981
2027	19,160,000	21,435,333	40,595,333
2028	20,385,000	20,539,220	40,924,220
2029-2033	105,955,000	87,641,302	193,596,302
2034-2038	110,955,000	66,952,508	177,907,508
2039-2043	110,370,000	50,015,038	160,385,038
2044-2049	133,800,000	35,611,650	169,411,650
2050-2053	61,130,000	4,500,719	65,630,719
Total	\$ 624,795,000	\$ 355,790,143	\$ 980,585,143

In addition to their normal scheduled maturity dates as shown above, the bonds may also be redeemed at the option of the Board, in whole or part, as such dates and for such prices, plus accrued interest as are set forth in the bond indenture.

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM**

NOTES TO FINANCIAL STATEMENTS

June 30, 2023 and 2022

8. LONG-TERM DEBT (Cont'd)

Bonds Payable (Cont'd)

In order for the interest on the Program's Series 2023A, 2021, 2020, 2018, and 2016 bonds to be tax-exempt, the Board must comply with certain provisions of the Internal Revenue Code, as amended. One provision requires that the arbitrage earnings (defined as the excess of the amount earned on all nonpurpose investments over the amount which would have been earned if the nonpurpose investments were invested at a rate equal to the note/bond yield) be rebated to the Internal Revenue Service. This rebate is payable at the end of each five years during the term of the issues. Management has estimated the arbitrage rebate liability at June 30, 2023 to be immaterial for the Series 2023A, 2021, 2020, 2018, and 2016 bonds.

Changes in long-term debt outstanding at June 30, 2023 and 2022 are as follows:

	<u>2023</u>	<u>2022</u>
Series 2021 bonds due April 1, 2022 to April 1, 2051, interest at 1.75% to 5.00%	\$ 196,590,000	\$ -
Series 2020 bonds due April 1, 2021 to April 1, 2040, interest at 2.00% to 5.00%	91,300,000	93,110,000
Serial 2019 bonds due April 1, 2020 to April 1, 2042, interest at 1.73% to 3.17%	27,475,000	28,210,000
Serial 2018 bonds due April 1, 2020 to April 1, 2038, interest at 3.38% to 5.00%	61,375,000	69,455,000
Serial 2016 bonds due April 1, 2020 to April 1, 2041, interest at 4.00% to 5.00%	85,500,000	86,500,000
Serial 2013B bonds due April 1, 2020 to April 1, 2025, interest at 2.71% to 4.12%	3,965,000	6,325,000
Series 2013A Bonds due April 1, 2020, to April 1, 2043, interest at 4.00% to 5.00%	-	23,985,000
Unamortized premium	61,487,210	36,764,727
	<u>\$ 527,692,210</u>	<u>\$ 344,349,727</u>

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM**

NOTES TO FINANCIAL STATEMENTS

June 30, 2023 and 2022

8. LONG-TERM DEBT (Cont'd)

Bonds Payable (Cont'd)

Add: Serial 2023 bonds due April 1, 2027 to April 1, 2053, interest at 4.125% to 5.00%	175,000,000	199,000,000
Less: bond discount from series 2023 issuance	(984,845)	-
Add: bond premium from series 2021 issuance	-	29,543,273
Less: debt principal repayments	(16,410,000)	(19,780,000)
Less: bond defeasance	-	(20,600,000)
Less: current amortization of premium	(2,859,327)	(4,820,790)
Ending Balances:	\$ 682,438,038	\$ 527,692,210
Amounts due in one year	\$ 20,525,000	\$ 16,410,000

9. COMMITMENTS AND CONTINGENCIES

The Program is exposed to various risks of loss related to torts, thefts of assets, efforts and omissions, injuries to employees while performing Program business, or acts of God. The Program maintains insurance through the State of Oklahoma Risk Management Division, which is included in the indirect costs charged to the Program. There have not been any claims against the Program since its inception in 1998.

10. SUBSEQUENT EVENTS

Management has evaluated subsequent events through September 15, 2023, the date on which the financial statements were available to be issued.

**OKLAHOMA DEPARTMENT OF
ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER
STATE REVOLVING FUND
LOAN PROGRAM**

SUPPLEMENTAL SCHEDULE INFORMATION

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM

SUPPLEMENTAL COMBINING STATEMENT OF NET POSITION INFORMATION - BY PROGRAM COMPONENT
June 30, 2023

	Set Aside Funds					
	Administrative	Program Management	Small Systems	Local Assistance and Other State Programs	Loan Fund	Totals
ASSETS						
Current Assets:						
Cash	\$ -	\$ -	\$ -	\$ -	\$ 105,934,013	\$ 105,934,013
Federal letter of credit payments receivable	175,200	1,838,331	-	-	-	2,013,531
Due from Oklahoma Department of Environmental Quality ("ODEQ")	-	-	694,281	192,234	-	886,515
Accrued interest on loans receivable	-	-	-	-	4,528,300	4,528,300
Other interest receivable	-	-	-	-	357,540	357,540
Loans receivable	-	-	-	-	41,416,293	41,416,293
Total current assets	175,200	1,838,331	694,281	192,234	152,236,146	155,136,192
Noncurrent Assets:						
Restricted cash	-	-	-	-	119,803,974	119,803,974
Restricted investments	-	-	-	-	10,377,390	10,377,390
Loans receivable, net of current portion and allowance for uncollectible loans of \$0 for 2023 and \$20,383 in 2022	-	-	-	-	767,417,591	767,417,591
Equipment, net	-	364,825	-	47,431	-	412,256
Total noncurrent assets	-	364,825	-	47,431	897,598,955	898,011,211
Total assets	175,200	2,203,156	694,281	239,665	1,049,835,101	1,053,147,403
LIABILITIES						
Current Liabilities:						
Accounts payable	62,174	14,940	45,135	165,542	-	287,791
Federal letter of credit payments payable	-	-	649,145	71,399	-	720,544
Due to Oklahoma Department of Environmental Quality ("ODEQ")	113,026	2,180,195	-	-	-	2,293,221
Compensated absences	9,162	58,754	11,810	66,596	-	146,322
Interest payable	-	-	-	-	5,149,572	5,149,572
Current maturities of long-term debt	-	-	-	-	20,525,000	20,525,000
Total current liabilities	184,362	2,253,889	706,090	303,537	25,674,572	29,122,450
Noncurrent Liabilities:						
Compensated absences	3,926	25,181	5,063	28,540	-	62,710
Long-term debt, net of current maturities	-	-	-	-	604,270,000	604,270,000
Unamortized (discount)/premium	-	-	-	-	57,643,038	57,643,038
Total noncurrent liabilities	3,926	25,181	5,063	28,540	661,913,038	661,975,748
Total liabilities	188,288	2,279,070	711,153	332,077	687,587,610	691,098,198
DEFERRED INFLOW OF RESOURCES						
Unamortized (gain/loss) on refunding	-	-	-	-	6,110,854	6,110,854
NET POSITION						
Invested in capital assets, net of related debt	-	364,825	-	47,431	-	412,256
Restricted for loans and debt service	-	-	-	-	356,136,637	356,136,637
Unrestricted net position	(13,088)	(440,739)	(16,872)	(139,843)	-	(610,542)
Total net position	\$ (13,088)	\$ (75,914)	\$ (16,872)	\$ (92,412)	\$ 356,136,637	\$ 355,938,351

See accompanying notes to the financial statements

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM

SUPPLEMENTAL COMBINING STATEMENT OF REVENUE, EXPENSES, AND CHANGES IN
NET POSITION INFORMATION - BY PROGRAM COMPONENT
For the Year Ended June 30, 2023

	Set Aside Funds					
	Administrative	Program Management	Small Systems	Local Assistance and Other State Programs	Loan Fund	Totals
REVENUES						
Operating revenues:						
Federal grants	\$ 757,511	\$ 1,201,391	\$ 324,673	\$ 2,149,296	\$ -	\$ 4,432,871
Loan program income	-	-	-	-	16,329,141	16,329,141
Total operating revenue	757,511	1,201,391	324,673	2,149,296	16,329,141	20,762,012
EXPENSES						
Operating expenses:						
Salaries and benefits	271,886	770,389	199,468	1,139,234	-	2,380,977
Professional services	388,557	131	46,359	453,595	-	888,642
Travel	327	29,960	6,587	80,992	-	117,866
Office	282	50,880	2,379	83,316	-	136,857
Equipment	-	40	-	1,600	-	1,640
Depreciation	-	136,203	-	71,536	-	207,739
Indirect costs	77,917	204,193	56,452	303,156	-	641,918
Other expense	(1)	(8,545)	1	(2,906)	-	(11,451)
Interest expense	-	-	-	-	15,396,309	15,396,309
Bad debt expense	-	-	-	-	(20,383)	(20,383)
Refunding expense	-	-	-	-	-	-
Debt issuance costs	-	-	-	-	798,915	798,915
Total operating expenses	738,968	1,183,451	311,246	2,130,523	16,174,841	20,539,029
Operating income (loss)	18,543	17,940	13,427	18,773	154,300	222,981
NONOPERATING REVENUES (EXPENSES)						
Federal grants	-	-	-	-	37,839,485	37,839,485
Federal grants-principal forgiveness	-	-	-	-	(8,648,655)	(8,648,655)
Gain on Refunding	-	-	-	-	-	-
Loss on Investments	-	-	-	-	(51,466)	(51,466)
Investment income	-	-	-	-	115,702	115,702
Interest income-invested cash balances	-	-	-	-	1,354,556	1,354,556
Net nonoperating revenues	-	-	-	-	30,609,622	30,609,622
Income (loss) before transfers	18,543	17,940	13,427	18,773	30,763,922	30,832,605
Transfers out - Oklahoma Water Resources Board	-	-	-	-	-	-
Transfers in - Drinking Water Treatment Loan Admin Fund	-	-	-	-	1,337,800	1,337,800
Total Transfers	-	-	-	-	1,337,800	1,337,800
Increase (decrease) in net position	18,543	17,940	13,427	18,773	32,101,722	32,170,405
NET POSITION						
Net position, beginning of year	(31,631)	(93,854)	(30,299)	(111,185)	324,034,915	323,767,946
Net position, end of year	\$ (13,088)	\$ (75,914)	\$ (16,872)	\$ (92,412)	\$ 356,136,637	\$ 355,938,351

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
OKLAHOMA DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM

STATEMENTS OF CASH FLOWS - BY PROGRAM COMPONENT
For the Year Ended June 30, 2013

	Set Aside Funds					
	Administrative	Program Management	Small Systems	Local Assistance and Other State Programs	Loan Fund	Totals
CASH FLOWS FROM OPERATING ACTIVITIES						
Federal grant receipts	\$ 582,311	\$ 893,040	\$ 324,673	\$ 2,149,295	\$ -	\$ 3,849,319
Collection of interest on loans to local governmental units	-	-	-	-	15,681,262	15,681,262
Payments to employees	(290,430)	(769,322)	(212,893)	(1,159,938)	-	(2,432,603)
Payments to suppliers	(291,881)	(123,718)	(111,780)	(998,338)	-	(1,525,717)
Interest paid on debt	-	-	-	-	(17,903,734)	(17,903,734)
Net cash provided (used) by operating activities	-	-	-	-	(2,222,472)	(2,222,472)
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES						
Proceeds from bond issuance	-	-	-	-	174,010,978	174,010,978
Bond defeasance costs	-	-	-	-	-	-
Bond Issuance Cost	-	-	-	-	(798,915)	(798,915)
Principal paid on bonds	-	-	-	-	(16,410,000)	(16,410,000)
Federal grant receipts	-	-	-	-	29,190,830	29,190,830
Transfer in (out) - Drinking Water Treatment Loan Administrative Fund	-	-	-	-	1,337,800	1,337,800
Net cash provided (used) by noncapital financing activities	-	-	-	-	187,230,693	187,230,693
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES						
Purchase of equipment	-	-	-	-	-	-
Net cash provided (used) in capital and related financing activities	-	-	-	-	-	-
CASH FLOWS FROM INVESTING ACTIVITIES						
Loans to local governmental units	-	-	-	-	(183,967,782)	(183,967,782)
Collection of principal on loans to local governmental units	-	-	-	-	29,391,233	29,391,233
Collection of principal on loans to local governmental units from federal grant proceeds	-	-	-	-	8,648,655	8,648,655
Interest on investments	-	-	-	-	115,393	115,393
Interest on invested cash balances	-	-	-	-	1,144,467	1,144,467
Sale (Purchase) of investments	-	-	-	-	2,619,009	2,619,009
Net cash provided (used) by investing activities	-	-	-	-	(142,048,324)	(142,048,324)
Net income (decrease in cash)	-	-	-	-	43,059,497	43,059,497
Cash and cash equivalents, beginning of year	-	-	-	-	182,678,499	182,678,499
Cash and cash equivalents, end of year	\$ -	\$ -	\$ -	\$ -	\$ 225,737,997	\$ 225,737,997
Reconciliation to Statement of Net Position:						
Cash	\$ -	\$ -	\$ -	\$ -	105,934,013	105,934,013
Restricted Cash	-	-	-	-	119,803,924	119,803,924
Total cash and cash equivalents	\$ -	\$ -	\$ -	\$ -	\$ 225,737,997	\$ 225,737,997
RECONCILIATION OF NET OPERATING REVENUES (EXPENSES) TO NET CASH PROVIDED (USED) BY OPERATING ACTIVITIES						
Operating income (loss)	\$ 18,543	\$ 17,940	\$ 13,427	\$ 18,773	\$ 151,300	\$ 222,983
Adjustment to reconcile net operating income (loss) to net cash provided by operating activities:						
Depreciation	-	136,203	-	71,536	-	207,739
Amortization of bond premium	-	-	-	-	(2,855,150)	(2,855,150)
Amortization of gain from refunding	-	-	-	-	(325,913)	(325,913)
Debt issuance cost	-	-	-	-	798,914	798,914
Changes in operating assets and liabilities:						
Decrease (Increase) in letter of credit payments receivable	175,200	(168,351)	-	(93,174)	-	(228,325)
Decrease (Increase) in interest receivable	-	-	-	-	(668,262)	(668,262)
Increase (Decrease) in accounts payable	(60,310)	(20,369)	43,135	(27,244)	-	(65,828)
Increase (Decrease) in letter of credit payments payable	11,324	-	(116,997)	-	-	(105,673)
Increase (Decrease) in due to/from DEQ	(126,573)	173,510	71,860	45,833	-	162,630
Increase (Decrease) in compensated absences	(18,514)	1,067	(13,425)	(11,724)	-	(42,626)
Increase (Decrease) in interest payable	-	-	-	-	677,639	677,639
Net cash provided (used) by operating activities	\$ -	\$ -	\$ -	\$ -	\$ (2,222,472)	\$ (2,222,472)

Oklahoma Department of Environmental Quality

Capacity Development Program
Annual Progress Report to EPA
State Fiscal Year 2023



September 28, 2023

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INTRODUCTION

With the Safe Drinking Water Act (SDWA) Amendments of 1996, Congress put in place a variety of initiatives designed to assist public water systems in providing safe drinking water and complying with the terms of the Act. One of these was the capacity development (CD) initiative, established with the intent of focusing on those systems most in need of assistance, primarily small systems serving populations of 3,300 or less. CD is the process by which the State of Oklahoma assures that drinking water systems acquire and maintain the *technical, managerial, and financial* (TMF) capabilities to successfully operate.

All states are currently implementing state-specific CD programs tailored to meet water system needs. As required in Section 1420 of the Safe Drinking Water Act Amendments of 1996, the Oklahoma Department of Environmental Quality (DEQ) must submit an annual report of CD activities to the United States Environmental Protection Agency (EPA). This report reflects the efficacy of the State's CD Strategy by detailing improvements in the TMF capabilities of the State's public water systems. The annual CD progress report is available on DEQ's website, at <https://www.deq.ok.gov/water-quality-division/public-water-supply/capacity-development/>.

A *public water system* (PWS) is defined by the SDWA as a system that provides water via piping or other constructed conveyances for human consumption to at least 15 service connections or serves an average of at least 25 people for at least 60 days each year.

There are three types of PWSs:

1. Community Water Supplies (CWS) such as towns and rural water districts;
2. Non-transient non-community (NTNC) systems such as schools or factories; and
3. Non-community (NC) systems such as rest stops or parks.

The 1,324 PWSs in Oklahoma are characterized as follows:

Classification

- 898 community water systems
- 79 non-transient non-community water systems
- 347 non-community water systems

Types of Primary Source

- 178 surface water
- 708 groundwater
- 8 groundwater under the direct influence of surface water
- 347 purchase from surface water
- 75 purchase from groundwater systems; and
- 8 purchase from groundwater under the direct influence of surface water systems.

DEQ has the statutory authority to ensure that all water supply systems will have adequate TMF capabilities prior to their construction in Oklahoma. For new systems, these capabilities are assessed via two DEQ regulatory directives. The first directive derives from Oklahoma Administrative Code (OAC) 252-626: Public Water Supply Construction Standards [<https://www.deq.ok.gov/asd/rules-and-regulations/attachment/626/>], which states that a PWS must receive a "Permit-to-Construct" from DEQ prior to initiating construction. The other directive requires all operators of a PWS to be licensed by DEQ, according to OAC 252:710: Waterworks and Wastewater Works Operator Certification Regulations:

[<https://www.deq.ok.gov/wp-content/uploads/deqmainresources/710.pdf>].

ENFORCEMENT AND COMPLIANCE MECHANISMS

DEQ's CD program relies on the success of its enforcement and compliance programs. These two programs are partially funded through the Drinking Water State Revolving Fund (DWSRF) 10% State Program Management Set-Aside and 15% Local Assistance and Other State Programs Set-Aside. Funding information is detailed in DEQ's *Final Intended Use Plan, Drinking Water State Revolving Fund State Fiscal Year 2022*. Note that Oklahoma's state fiscal year is from July 1 to June 30.

DEQ maintains a strong enforcement program. Systems with violations of SDWA requirements or with state PWS rule violations are referred to DEQ enforcement staff for analysis of the causes behind the violations and for correction. When it is determined that enforcement is needed, there are three main legal tools available to the agency to bring about compliance: Notices of Violation, Consent Orders, and Administrative Compliance Orders. Boil Orders, while not official enforcement actions, also play a role in protecting public health.

A **Notice of Violation** (NOV) is the first formal enforcement document issued to facilities upon failure to comply with SDWA or state PWS rules or regulations. NOV's address matters such as maximum contaminant level (MCL) violations, monitoring failures, improper operating procedures, or construction deficiencies. NOV's have short deadlines for compliance, typically between fourteen (14) and thirty (30) days from the date the water system receives the document.

If it is determined that a system is not likely to regain compliance by a NOV's deadline, the DEQ PWS District Engineer (DE) prepares a **Consent Order** (CO). A CO is a mutual agreement between DEQ and the affected system that cites the system's responsibilities, establishes a longer deadline for returning to compliance (with milestones and deadlines for major steps towards compliance), and specifies fines that may be levied against the system as a result of non-compliance.

An **Administrative Compliance Order** (ACO) is issued when time is limited and there is a significant health hazard, or when a water system refuses to agree to the terms of a CO. In an ACO, DEQ determines what tasks need to be completed and sets deadlines for the completion of these tasks. Both the CO and the ACO include stipulated penalties for failing to meet the required deadlines.

Boil Orders, while not enforcement actions themselves, are an additional tool used by DEQ to protect public health. These orders are issued to systems that have acute health risks or *E. coli* bacteriological violations. Boil Orders require immediate notification be made to all consumers informing them of how to protect themselves.

In calendar year 2022, DEQ issued 2,128 enforcement actions, which consisted of:

- 1,760 informal enforcement letters;
- 360 NOV's and CO's;
- 0 Administrative Compliance Orders; and
- 8 Boil Orders.

A total of 1,422 systems were returned to compliance during calendar year 2022 (some systems returned to compliance more than once).

CAPACITY DEVELOPMENT PROGRAM

The Capacity Development Section (CDS) implements the CD strategy in Oklahoma. The CDS is responsible for fostering the relationship among the various DEQ drinking water programs and between DEQ and other state agencies and organizations that are involved with supporting and assisting public water supplies. The CDS coordinates with the Oklahoma Water Resources Board (OWRB), Oklahoma Rural Water Association (ORWA), Communities Unlimited (CU), Southwest Environmental Finance Center (SWEFC), Oklahoma Municipal League (OML) and other agencies and organizations that provide TMF training and assistance to water systems. This ensures that open lines of communication exist between the entities and promotes cooperative and complementary efforts towards achieving water system sustainability. The overall goal is maintaining coordinated efforts towards increasing PWS TMF capabilities. **The table below** lists the tools currently in use in Oklahoma to assess and enhance TMF capabilities.

Oklahoma's Capacity Development Tools

Tool	Technical	Managerial	Financial
Construction Permitting	X		
PWS Enforcement	X	X	
Operator Certification	X	X	
SWAP	X	X	
AWOP	X	X	X
DWSRF	X	X	X
CD TMF Assessments	X	X	X
Sanitary Surveys	X		
Asset Management Training	X	X	X
Regionalization	X	X	X
FACT		X	X
Rate Studies			X
Water Loss Auditing	X	X	X

WATER QUALITY EFFORTS AND PARTICIPATION

Regionalization and Consolidation

DEQ continued efforts to identify new and existing water systems that may benefit from ***regionalization and/or consolidation*** into larger water systems in SFY 2023. Systems were considered for regionalization/consolidation that:

- Have source water capacity limitations (drought),
- Are undergoing DEQ enforcement proceedings,
- Are considering giving away, selling, or abandoning the system, or
- Have expressed interest in regionalization or consolidation.

Creating combined distribution systems can enhance public health by providing all systems in the combined system with water that is more thoroughly tested and often more plentiful and reliable than they were able to produce on their own. While there were no regionalization or consolidation of PWSs in SFY 2023, DEQ continues to seek out small water supplies that are struggling with compliance and help them consider regionalization and/or consolidation, if appropriate for their situations.

Funding Agency Coordinating Team

The Funding Agency Coordinating Team (FACT), hosted by ORWA, is comprised of the following state and federal agencies and organizations:

- DEQ;
- Oklahoma Department of Commerce;
- OWRB;
- Indian Health Service;
- U.S. Department of Agriculture – Rural Development;
- Oklahoma Association of Regional Councils;
- CU;
- EPA;
- Bureau of Reclamation;
- Cherokee Nation; and
- Chickasaw Nation.

FACT meets quarterly to discuss the status of Oklahoma community water supplies identified in DEQ's enforcement list and to coordinate water and wastewater project funding. Before each meeting, invitations are extended to a few water and/or wastewater systems from across the state that are contending with severe problems and have the greatest *financial* need. Guests are invited for the purpose of helping them identify the best source of project funding as efficiently and effectively as possible.

With most public financing agencies present at FACT, communication barriers are reduced and application processes are streamlined, resulting in rapid assistance. FACT provides a single uniform method for requesting funding and regulatory approvals, and it offers guides, checklists, and forms that are accepted by all FACT-participating agencies. DEQ has been a member of FACT since its inception in the early 1990s and has been instrumental in crafting an organization that helps to correct some of Oklahoma's most difficult to solve public water supply issues. The CDS is an important member of FACT and serves by offering TMF assistance to invited systems.

The assistance provided by FACT has been universally praised by invited water systems, which provide feedback by voluntarily completing a brief survey immediately following the FACT meeting and a follow-up survey a few months later. Survey responses are used to fine-tune the assistance provided by FACT and help plan the direction of subsequent FACT meetings.

WATER QUALITY PROGRAMS

The ***Construction Permitting Program*** assures technical adequacy by reviewing water system engineering reports as well as construction plans and specifications. This technical review helps determine the sufficiency of the source water and the water system infrastructure.

The ***PWS Enforcement Program*** also helps assure the technical capabilities of water systems by providing technical assistance and training to water systems on operations, maintenance, regulations, security, and more. Managerial capabilities are also addressed by providing training to water system managers.

The **Operator Certification Program** is charged with training and licensing persons working in water and wastewater facilities in the State. Programmatic oversight helps to ensure that operators have adequate *technical* training to properly treat and monitor drinking water supplied to the public. Also, with oversight from the DEQ Operator Certification section, ORWA provides study material and training for operators for all classifications of water facilities as well as *managerial* training for system managers and board members.

The examinations for operators are administered by the ORWA by means of a DEQ contract, and during SFY 2023, 1,182 individual water operator exams and 158 water laboratory operator exams were given. Also, during SFY 2023, eight (8) public water supply systems were issued NOVs for not having an appropriately licensed operator. If operator license issues arise, DEQ makes these systems aware of training and testing opportunities that are available to them at little or no charge so that the water system is easily able to quickly rectify the issue.

In addition to the training offered by ORWA, training is available in classroom settings (taught by DEQ and other certified instructors/agencies) and via the internet several times during the year. Online classes and exams for operators and other environmental professionals are available at any place with an internet connection, which has included presentations over Asset Management presented by one of the members of the CD Staff.

The **Source Water Assessment Program (SWAP)** is designed in accordance with the SDWA Amendments which require development and implementation of a SWAP to analyze existing and potential threats facing the public drinking water sources throughout the state. DEQ developed this program utilizing EPA's Source Water Assessment and Protection Programs Guidance.

SWAP assessments include the following:

- Delineation of the Source Water Protection Area,
- Inventory of the Potential Sources of Contamination,
- Determination of susceptibility of the water to contamination from the inventoried sources
- Release of the results of the assessment to the public.

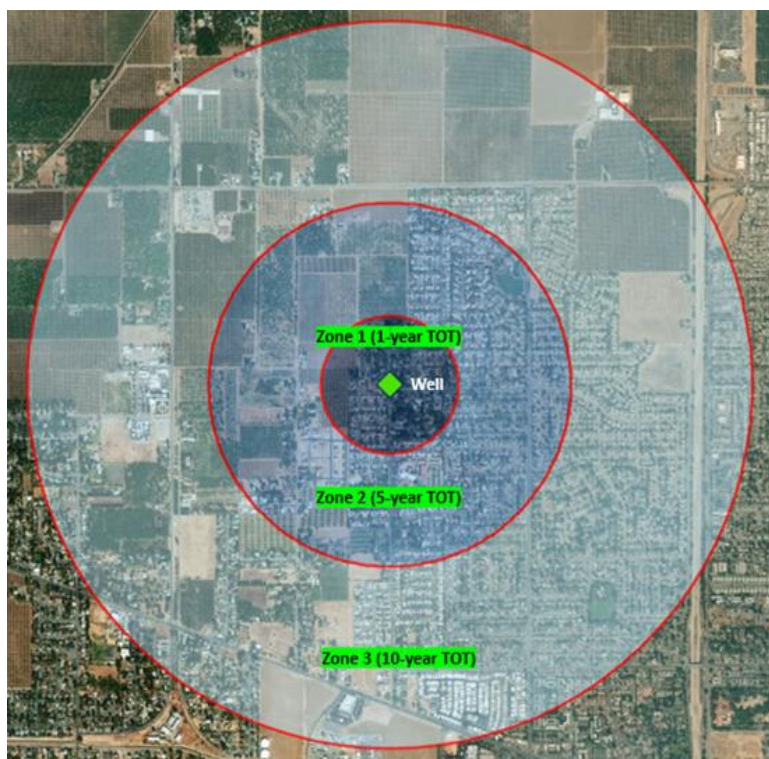
The data collected from a SWAP report is summarized in the water system's annual Consumer Confidence Report, which identifies the system's vulnerability and susceptibility score. This report is available for public review.

DEQ began re-developing the program in 2022, focusing largely on collaboration with other departments and organizations to ensure the accuracy of the inventoried sources of contamination. This is in hopes to expand the data gathered and comprise a larger database of all potential sources of contamination as well as staying up to date on all issues that may arise regarding threats to the quality of the state's source water, including information on reported fish kills, superfund and Department of Defense clean-up efforts, and other issues that may arise.

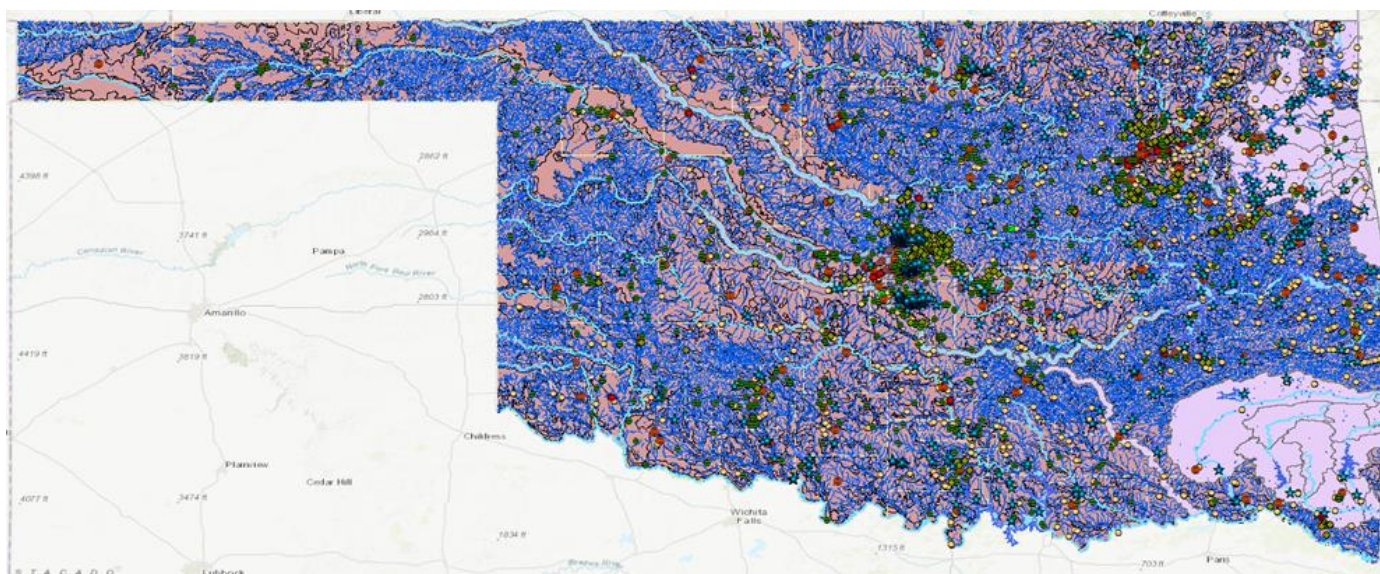
Also in development is a way to communicate recommended preventative measures to water systems tailored to the inventory of sources from the SWAP report and aid systems in locating funding sources for source water protection (SWP) projects. DEQ will educate water systems on the application processes for the Clean Water State Revolving Fund (CWSRF) program with OWRB, the Drinking Water State Revolving Fund (DWSRF) program through DEQ, and help systems to be aware of any grant programs or other sources of funding that may be beneficial for their project.

Visual tools are also integral in communication of Source Water Protection (SWP). Once data collection is complete, it will be used to create a map showing source water protection zones around public water supply sources.

Below is an example of a map produced with various input layers indication source water protection zones around wells.



Currently, the DEQ website has an interactive GIS map that utilizes some of the SWP data. DEQ regulated discharges, wells, surface intakes, and other planning information can be found using this map. In development is a localized GIS map that will contain all the potential contamination sources as well as all relevant watershed data made available to DEQ. This should allow DEQ to better monitor the source water in the state, prioritize watersheds based on data, and provide easy access to water systems to see what sources of contamination are near their source water. This map will also be made available to the public once it is completed. **The image below** is an example of what this map currently looks like while in development.



In addition to the internal source water efforts, DEQ is also a member of the Oklahoma Source Water Collaborative with OWRB, OCC (Oklahoma Conservation Commission), ORWA, ODAFF (Oklahoma Department of Agriculture and Forestry), SWAWWA (Southwest Section of AWWA), USDA NRCS (United States Department of Agriculture Natural Resources Conservation Service), and the GWPC (Ground Water Protection Council). This group meets regularly to identify the source water protection needs of surface and ground water systems across the state, as well as to facilitate collaboration across the agencies involved.

The **Area-Wide Optimization Program (AWOP)** was first piloted in early April 1999 in Oklahoma by EPA Region 6. This program started as a multi-state effort to optimize particle removal and disinfection capabilities of filtration at conventional water treatment plants. AWOP is now a voluntary approach to improve drinking water quality beyond compliance levels to enhance public health protection, and it is no longer limited to only conventional water treatment plants. Following the AWOP model is one of the most cost-effective and economical ways a PWS can improve their ability to produce safe drinking water, as it is focused on enhancing process monitoring and control using the existing staff and facilities.

EPA Region 6 and Process Applications, Inc. in Fort Collins, Colorado, assisted in the development of AWOP. The Region 6 states: Oklahoma, Arkansas, Louisiana, New Mexico, and Texas, along with Region 7 states: Missouri, Iowa, and Kansas, have combined to make a large AWOP group that meets quarterly. Oklahoma continues its involvement by attending these quarterly regional meetings, as well as the biennial national meetings. The next quarterly meeting, in October of 2023, is currently scheduled to be hosted by Oklahoma DEQ. Oklahoma also participates in and hosts multi-state comprehensive performance evaluations (CPEs) and training workshops.

DEQ AWOP Status

From 1997 through the end of SFY23, DEQ has conducted 25 optimization and seven (7) mandatory CPEs of water systems within the state. The original scope of the CPE effort was, and continues to be, to assist the community and train the operators and engineers in understanding the intricacies of optimizing water treatment. A CPE provides analysis of the facility's design capabilities and a system's administrative, operational, and maintenance practices. Within 60 days following the CPE, systems receive a report from DEQ that outlines factors that may influence the optimization of their treatment operations.

AWOP Multi-State Distribution CPE-Louisiana

While traditional CPEs focused on turbidity and disinfection at conventional surface water treatment plants, AWOP has expanded to address issues like disinfection byproducts, harmful algal blooms, groundwater issues, and more. To learn more about the various types of CPEs, Oklahoma DEQ representatives from Capacity Development, Engineering and Enforcement, and Compliance attended a multi-state distribution CPE in Louisiana in October 2022.

During the multi-state distribution CPE, DEQ staff was split amongst the administration, storage tank, treatment, and distribution system teams. Each team had their own responsibilities, such as assessing the TMF capabilities in administration, evaluating the build and mechanics of the storage tanks and distribution system, and running tests to learn more about optimizing the chlorination treatment. This distribution CPE offered hands-on experience in treating nitrification, iron, and manganese issues, and optimizing chlorination without a full treatment plant. After the week-long process of running tests, interviewing the water operations staff, and evaluating all the historical data of the system, the staff assisted in developing the performance limiting factor sheet as well as the final report that was given to the system. Once the staff returned to Oklahoma, they presented their newly gained knowledge to the rest of the Public Water System group so that others could learn from their experience as well.

AWOP Awards

Oklahoma DEQ also has an AWOP Awards Program, in which water systems sign-up to participate. This program encourages water systems to go above and beyond regulations to meet optimized goals set by the state. The water systems are recognized for their efforts with plaques, trophies, flags, signs, and more. **Below** is a flyer for the AWOP Awards program that offers information about the program, who can participate, and how public water systems can sign up to participate.



AWOP Goals

Oklahoma has not performed a distribution CPE but hopes through the collective efforts of those who attended, one can be performed soon. Oklahoma also plans to perform a conventional surface water treatment CPE in the spring of SFY24.

Oklahoma has been finding ways to further the incorporation of TMF concepts in the CPE process, with a focus on bolstering the administrative review with elements from the capacity development program. These elements include the capacity development assessments and water loss audits, with plans to incorporate asset management and source water protection.

The **Drinking Water State Revolving Fund Loan Program** was established by the 1996 SDWA Amendments, which allowed EPA to make a capitalization grant to Oklahoma to fund the DWSRF loan program. This program, co-managed by DEQ and OWRB, is dedicated to providing low-interest loans to upgrade public water system infrastructure. It is designed to help those in greatest need based on a priority system that places a primary emphasis on drinking water quality. DWSRF Project Engineers assure the *technical* capabilities of water systems by reviewing engineering reports on proposed construction projects. Borrowers also receive *technical*, *managerial*, and *financial* assistance from the CDS, who conducts a capacity development assessment and water loss audit on each borrower as well as reviews emergency response plans and asset management plans, providing assistance and guidance to correct any found deficiencies.

Currently, 120 water systems are on the DWSRF PPL for a total of over \$1,346,648,674 in projects to be funded within the next few years. DWSRF applicants are assisted throughout the planning, design, bidding, contracting and construction phases of the project by DEQ engineers, environmental specialists, and the CDS. Applications for the DWSRF program are accepted anytime throughout the year.

From 1998 to the present, the program has entered into binding commitments totaling over \$2,080,448,783 to fund a total of 269 water system upgrades. In addition to funding infrastructure improvements, the program funds the CD Baseline Assessment Project, lab equipment in the State Environmental Lab, Small System Technical Assistance, SWAP, water loss auditing and leak detection programs, and the PWS Program (partial funding).

During SFY 2023, the DWSRF program received three (3) additional grants in addition to the Base grant. A major condition of the new grants was to use a required percentage of principal forgiveness which varies for each grant. Under the Base grant, DWSRF provided subsidies in the form of principal forgiveness to public water supplies with health-based violations or that serve disadvantaged communities. The total amount of subsidies given was determined by the FY 2022 Capitalization Grant.

For SFY 2023, DWSRF committed \$964,077 in health-based subsidy to three systems, and \$1,192,200 in disadvantaged subsidy to six systems. DWSRF also provided subsidies in the form of principal forgiveness to public water supplies under the new FY 2022 Bipartisan Infrastructure Law (BIL) grants for disadvantaged communities.

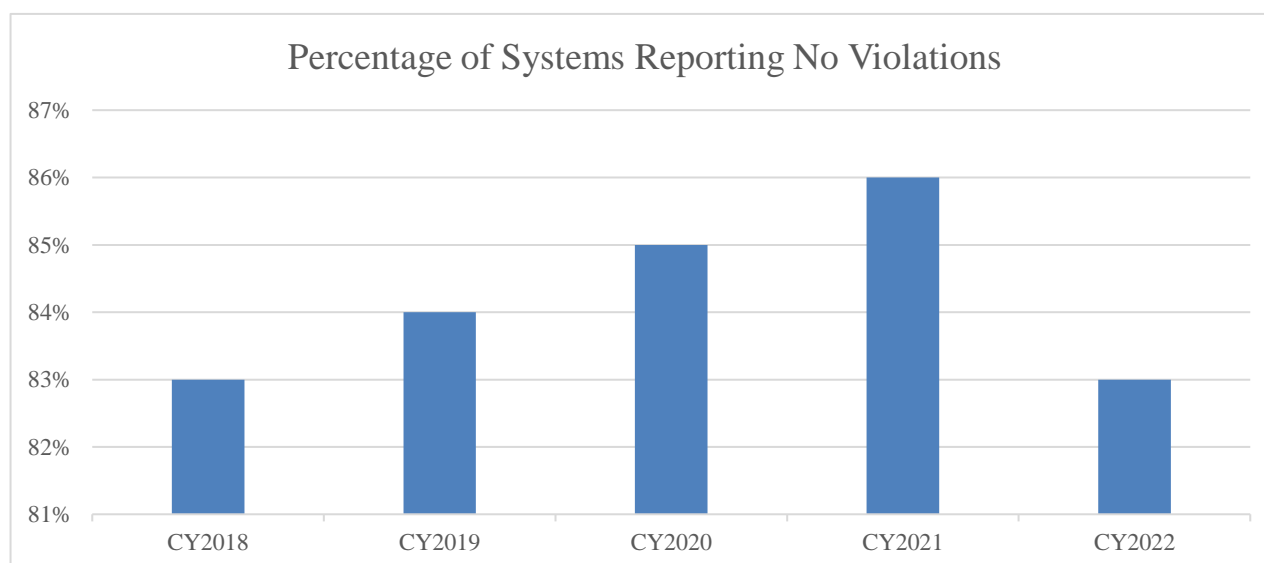
The total amount of subsidies committed for BIL General Supplemental projects was \$12,498,920, to nineteen systems. The total amount of subsidies committed for BIL Lead Service Line Inventory (LSLI) projects was \$3,234,250, to two systems. Under the BIL Emerging Contaminants (EC) grant, zero subsidy was committed during SFY 2023.

The **PWS Sanitary Survey Program** is implemented by DEQ, in cooperation with EPA Region 6, and in the course of conducting inspections, field staff from the Environmental Complaints and Local Services (ECLS) Division of DEQ and the WQD of DEQ provide technical assistance to PWS system personnel in resolving compliance issues. Across the state, ECLS staff members inspect all water systems annually. In SFY 2023, 894 sanitary surveys were conducted by ECLS and WQD staff, and 642 primacy and non-primacy site inspections were completed by ECLS.

CHALLENGES TO OKLAHOMA'S CAPACITY DEVELOPMENT STRATEGY

Mile for mile, Oklahoma offers the nation's most diverse terrain. It is one of only four states with more than ten ecoregions and has by far the most changes in ecoregions per mile in America. Oklahoma's ecoregions, terrains, and sub-climates include everything from Rocky Mountain foothills to cypress swamps, from tallgrass prairies to hardwood forests, and pine-covered mountains. Each is graced with wide blue lakes, tumbling freshwater rivers, and peaceful country streams. Additionally, there is one man-made type of terrain: urban turf. This variety of ecoregions creates source waters with a correspondingly wide range of quality and conditions. This variability in source water quality creates a correspondingly variety of treatment challenges for public water supplies.

EPA sets national limits on contaminant levels in drinking water to ensure that the water is safe for human consumption; these limits are known as maximum contaminant levels (MCL). For some regulations, EPA establishes treatment techniques (TT) in lieu of a MCL to control unacceptable levels of contaminants. **The figure below** shows the yearly trend in the percentage of systems in Oklahoma reporting no MCL or TT violations.



The State of Oklahoma’s PWS Program currently oversees 1,324 active entities that meet the federal definition of a PWS. Of these, 1,101, or approximately 83% of PWSs, reported no MCL or TT violations. **The table below** shows breakdown of the 17% of PWSs with violations for CY 2022.

CY 2022 Violation Breakdown

Contaminant	MCL, TT, or Monitoring	Number of violating PWSs	Number of Violations
Arsenic	MCL	3	13
Arsenic	Monitoring	3	9
Inorganic Chemical	MCL	3	13
Inorganic Chemical	Monitoring	3	12
Nitrate	MCL	20	51
Nitrate	Monitoring	78	108
Synthetic Organic Chemical	MCL	0	0
Synthetic Organic Chemical	Monitoring	54	1,593
Volatile Organic Chemical	MCL	0	0
Volatile Organic Chemical	Monitoring	18	860
Radionuclides	MCL	4	9
Radionuclides	Monitoring	19	256
Disinfection Byproducts	MCL	176	889
Disinfection Byproducts	TT	19	45
Disinfection Byproducts	Monitoring	178	440
Revised Total Coliform Rule	Acute MCL	5	5
Revised Total Coliform Rule	Monitoring	280	586
Surface Water Treatment	TT	27	77
Surface Water Treatment	Monitoring	22	68
Lead and Copper	TT	0	0
Lead and Copper	Monitoring	48	62
Groundwater Rule	TT	0	0
Groundwater Rule	Monitoring	30	44
Public Notice, failure to perform		21	295
Consumer Confidence Report, failure to distribute		86	86

Per Section I of The State of Oklahoma Capacity Development Strategy, DEQ ensures that new systems have TMF capabilities to provide safe and affordable drinking water. All new systems are referred to the CDS, who then assesses the system’s TMF capabilities. The CDS then ensures that the system has an appropriately certified operator, notes the dates of sanitary surveys/inspections, determines if plans and specifications were submitted to and approved by DEQ, and makes TA referrals as indicated. A total of three (3) new or newly discovered water systems were identified by DEQ in SFY 2023, one (1) community, one (1) NTNC, and one (1) NC. The Capacity Development Section is working to provide TMF assistance to all of these new PWSs.

ETT IMPLEMENTATION

At the direction of EPA, DEQ has implemented an Enforcement Response Policy and Enforcement Targeting Tool (ETT) aimed to identify PWS systems with health-based violations as opposed to the previous approach, where all the significant non-compliance (SNC) systems were treated equally regardless of the severity of the violation.

This approach utilizes the ETT formula as a basis for determining a PWS's enforcement priority points. It will also be used to help identify and prioritize systems for enforcement response. In the formula, violations that pose a greater risk to public health are given greater importance. The formula calculates a score for each system based on open-ended violations and violations that have occurred over the past five years but does not include violations that have returned to compliance or are on the “path to compliance” through a specified enforcement action.

Under this policy, violation types are “weighted” with points being assigned for each violation type based on its threat to public health. Points for each “unaddressed” violation are added together to provide total score for each water system. Water systems whose scores exceed “11” are considered priority systems for enforcement unless the violations can be returned to compliance within six months.

The Capacity Development Section and the PWS Compliance Section track new community, NTNC, and NC systems that appear on the ETT list during their first three years of operation, providing them with technical assistance aimed at getting them back into compliance.

ETT scores for PWS systems are available at <https://echo.epa.gov/>.

PROGRAM INITIATIVES

Water Loss Auditing and Control

Since 2015, DEQ has worked to standardize and promote water loss auditing across the state by the use of the M36 Water Loss Audit Method developed by the American Water Works Association (AWWA). The program has had continuous success tracking and identifying sources of loss and non-revenue water across the state using this scientifically sound, repeatable, and comparable method.

An M36 method water loss audit quantifies volumes and values of real and apparent water losses from a distribution system. Real loss is defined as water that escapes the water distribution system through leakage, breaks, hydrants, and storage overflows. This loss is water that is considered as finished water but is never delivered to customers and results in increased operational costs and stress on source water supplies. Apparent loss is revenue lost due to customer meter inaccuracies, billing system data errors, and/or unauthorized consumption. It is water that *could* have been sold, resulting in lost revenue for the system and distorted production and consumption data.

An M36 method water loss audit also determines the volumes and values of revenue and nonrevenue water that a PWS is producing. Revenue water is the water that a system sells to customers. The amount of revenue water a system can deliver has a direct impact on its ability to pay for operations, make debt obligations, and provide for capital improvement and emergency response funding. In contrast, nonrevenue water is the sum of the real and apparent losses occurring at a system as well as all unbilled authorized usage, such as water used for municipal buildings, parks, swimming pools, irrigation, firefighting, and system flushing. Unbilled authorized usage is a necessity; however, these amounts can become excessive if not tracked. A water loss audit is often the first time many PWS systems become aware of the impact of unbilled authorized usage and can begin controlling it.

The figure below summarizes the volumes and percentages of water use and loss from the 292 water loss audits completed across the state since 2015.

Summary Water Balance (gallons per year identified)

Volume from Own Sources: 276.394 Billion	Water Sold As Exports: 8.814 Billion	Authorized Consumption: 59.454 Billion	Billed Authorized Consumption: 56.065 Billion	Billed Metered Consumption: 56.122 Billion	Revenue Water: 57.300 Billion
	Water Supplied: 278.464 Billion			Billed Unmetered Consumption: 48.983 Million	
			Water Losses: 15.634 Billion	Unbilled Authorized Consumption: 3.372 Billion	Unbilled Metered Consumption: 1.810 Billion
		Unbilled Unmetered Consumption: 1.579 Billion			
		Apparent Losses: 1.676 Billion		Unauthorized Consumption: 183,673,000	
				Customer Metering Inaccuracies: 1.354 Billion	
Water Purchased as Imports: 9.714 Billion	Real Losses: 14.081 Billion	Systematic Data Handling Errors: 149.582 Million			
		Water Main Leaks, Storage Overflows, Customer Service Line Leaks: 14.081 Billion			

Apparent Losses

As defined earlier, apparent loss is water lost due to customer meter inaccuracies, billing system data errors, and/or unauthorized consumption. It is water that could have been sold and contributes to revenue loss, distorted production, and consumption data. Annually, apparent losses account for a smaller percentage of total water loss than real losses; however, apparent losses still represent a significant loss of revenue to most systems participating in the audit, costing on average \$36,428.91 per year per audited system and \$10.64 million for the group. Apparent loss figures are summarized in the table, **below**:

Apparent Loss	Minimum	Maximum	Average	Total FY2023
Annual Apparent Loss:	0.02 MG/Yr.	98.44 MG/Yr.	5.74 MG/Yr.	1,676.31 MG/Yr.
Annual Cost of Apparent Loss:	\$25.02/Yr.	\$683,393.00/Yr.	\$36,428.91/Yr.	\$10,637,243.02/Yr.
Unauthorized Consumption	0 MG/Yr.	10.23 MG/Yr.	0.63 MG/Yr.	183.67 MG/Yr.
Customer Metering Inaccuracies	0 MG/Yr.	78.98 MG/Yr.	4.64 MG/Yr.	1,354.69 MG/Yr.
Systematic Data Handling Errors	0 MG/Yr.	12.59 MG/Yr.	0.51 MG/Yr.	149.58 MG/Yr.

Real Losses

Real loss is defined as water that escapes the water distribution system through leakage, breaks, hydrants, and storage overflows. This loss is water that is treated but is never delivered to customers and results in increased operational costs and stress on source water supplies. Overall, real water loss is the largest category of water loss observed from the audited systems, costing on average \$62,608.85 per year per audited system. This totals over 14 million gallons per year in identified loss. Real water loss is composed of three types of loss: water main leaks, storage area overflows, and leaks on customer service lines (portions that are the responsibility of the system). The AWWA software is not detailed enough to break down real water loss into these three categories and simply reports the amount as a total of all three.

The AWWA software did, however, provide several performance indicators that detailed the volume, cost, and relative magnitude of real water loss. These are summarized in the table, **below**:

Real Loss	Minimum	Maximum	Average	Total FY2023
Current Annual Real Losses	0.14 MG/Yr.	954.38 MG/Yr.	48.36 MG/Yr.	14,121.43 MG/Yr.
Annual Cost of Real Loss	\$19.00/Yr.	\$3,190,026.02/Yr.	\$62,608.85/Yr.	\$18,281,784.84/Yr.

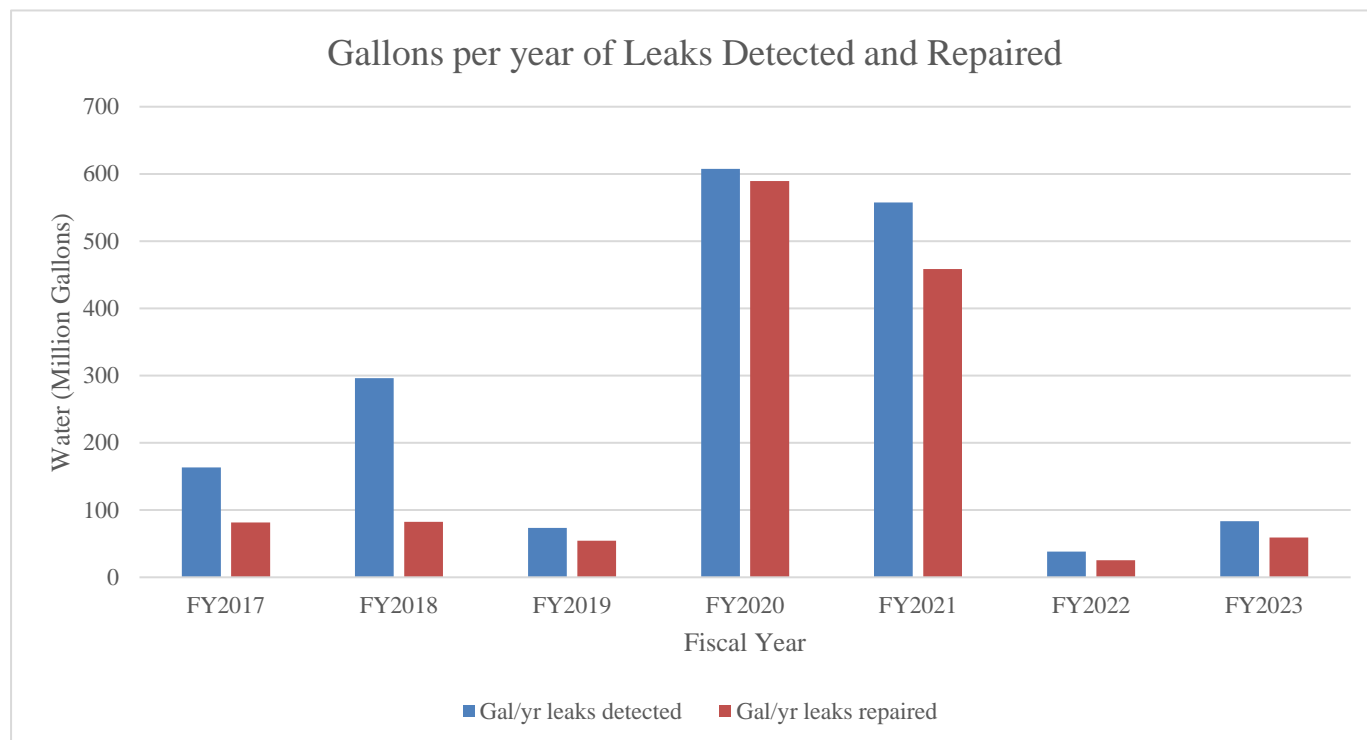
Leak Detection, Meter Analysis, and Loss Correction

Conducting water loss auditing with the AWWA M36 method has improved understanding of real and apparent losses at participating systems; however, this is only the first step towards the ultimate goals of reducing water loss and retaining system revenue. The next step, intervention, takes the results gained from the water loss audit and uses it to guide efforts to find the specific sources of water loss and to implement solutions. This section summarizes the efforts of the technical assistance program performed by DEQ and ORWA which focused on conducting leak detection and meter analysis at PWS systems where an AWWA M36 water loss audit has indicated that significant problems with real and/or apparent loss may exist.

PWS systems that participated in the water loss auditing pilot project and met the criteria of either nonrevenue water (as % of supply) greater than 20% or having apparent loss of greater than 10 gallons per connection per day (or both) qualified for leak detection and/or meter analysis technical assistance from ORWA. Participation in the technical assistance project was driven by the level of interest of the PWS in receiving the help (meaning that the system would benefit from the technical assistance in proportion to the level of effort and interest that the system contributed to the program).

ORWA Leak Detection Assistance Program	FY2023	FY2022	FY2021	FY2020	FY2020-FY2023 Totals	Total Overall (FY2017-FY2023)
Systems receiving Leak Detection assistance	9	6	9	5	29	53
Number of Leaks Detected	61	19	103	52	235	351
MG/Yr. of detected leaks	163.200 MG	38.131 MG	557.504 MG	607.589 MG	1.366 BG	1.899 BG
Value/Yr. of Detected Leaks	\$888,881	\$108,393	\$1,649,730	\$822,056	\$3,469,061.70	\$4,738,914.95
Total Number of Leaks Repaired	36	10	71	43	160	215
Gallons/Yr. of leaks repaired	115.100 MG	25.497 MG	458.467 MG	589.350 MG	1.188 BG	1.407 BG
Value/Yr. of Leaks Repaired	\$601,087	\$71,215.80	\$1,457,581	\$779,745	\$2,909,629.40	\$3,479,615.48

For systems that chose to participate, ORWA met with system personnel, reviewed the results of the water loss audit, and then coordinated an in-depth schedule of leak detection and meter analysis help. The typical technical assistance event took place over 2-3 weeks and involved locating leaks, analyzing meters and training PWS staff how to conduct their own leak detection and meter analysis. Following the completion of this technical assistance effort, participating systems receive a detailed report indicating the location, volume, and value of all identified leaks. Systems are encouraged to act on the information provided and make repairs where possible. **The table above** shows six-year summary of PWSs receiving technical assistance following a water loss audit, and the **figure below** depicts gallons per year of leaks detected and repaired.



In total, 53 systems have received leak detection help from the ORWA, where, together, they have identified 351 leaks estimated at 1.899 billion gallons/year. Of the 351 leaks identified by ORWA, 215 of them have been repaired by the systems. These repairs have recovered an estimated 1.407 billion gallons of water per year valued at an estimated \$3,479,615.48 per year.

The amount of saved revenue has shown real, immediate, and positive impact, even saving at least one system from the brink of bankruptcy. Additional benefits seen by systems that have participated in the program are increased financial capacity, continued loss reduction, and better operational knowledge and decision making.

Also, DEQ will continue to build on the success of the water loss auditing and control program by performing additional water loss audits at PWS systems that request the help and by continuing funding for ORWA's work conducting leak detection and meter analysis technical assistance. In contrast to other states where water loss auditing and control is involuntary, these methods can obtain significant cooperation and meaningful results via voluntary participation and free technical assistance, which can be seen in the results.

Capacity Development Baseline Assessment

Introduction

In 2017, DEQ began work on a project to assess the Technical, Managerial, and Financial (TMF) capacity of small municipal PWSs and rural water districts in Oklahoma. Named the 'Capacity Development Baseline Assessment,' the project was designed to develop a clear concept of state-wide TMF needs, determine which systems are most in need of help, and delineate the unique set of needs faced by each system. The project functions by conducting capacity development assessments at all municipal PWSs and rural water districts in Oklahoma serving 10,000 or fewer individuals. By using the comprehensive capacity development assessment tools developed by DEQ and used originally for assessing DWSRF borrowers and newly created systems, a clearer picture of the TMF sustainability needs across the state was gained.

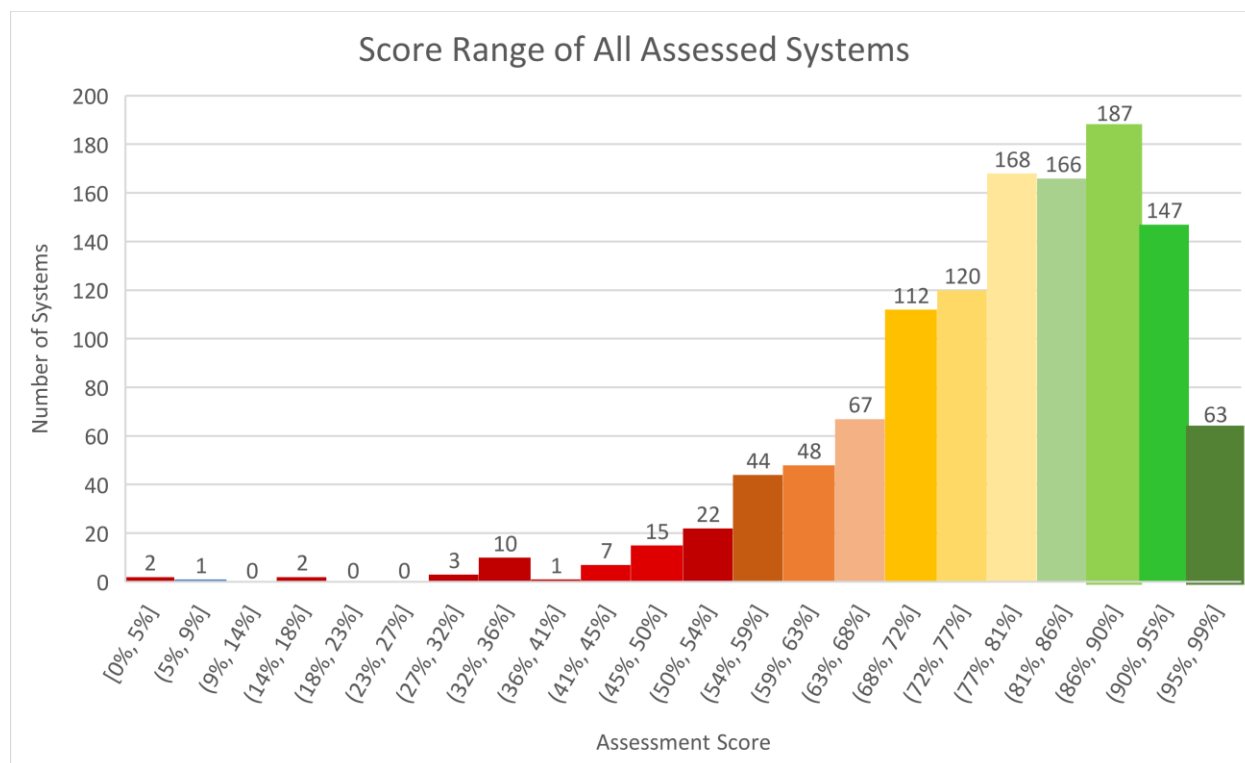
The baseline capacity development assessment project was implemented as a cooperative venture between the Water Quality Division (WQD) and the Environmental Complaints and Local Services (ECLS) division at DEQ. To complete the large number of assessments required of this project, a cadre of local ECLS inspectors were called up to conduct the assessments with PWS system personnel. ECLS inspectors are DEQ personnel that PWS systems see most frequently; therefore, relationships and trust were already established and a framework for efficient completion of the project already existed. This project capitalized on this framework to conduct the assessments.

Results

The results of this project allowed DEQ to identify trends and correlations within the data including the state-wide average assessment score and the greatest issues affecting a significant proportion of Oklahoma water systems. A total of 1,213 Capacity Development Assessments have been completed as of June 30, 2023. Preliminary results of the 1,213 completed assessments indicate that, on average, water systems have 78.47% of the necessary TMF capacity to achieve sustainability. This means that, on average, assessed systems are missing (21.53%) almost one quarter of the items, procedures, policies, and resources needed to become sustainable. **The table below** details the Capacity Development Assessment data.

Summary Characteristics of Audited Community Water Systems

Capacity Development Assessments (CDAs) completed by Date	Number of Assessments	Average Score
CDAs completed FY2023	137	80.01%
Total Number of CDAs Completed	1,213	78.47%



The above graphic illustrates the score range of all systems assessed under the capacity development baseline assessment. This data was collected over seven years and represents the technical, managerial, and financial capacity of over one-thousand Oklahoma water systems.

Facility Name: Example Water System

DWSRF Project Number: Triennial Governors Report

Completion Date: 9/28/2023

Prepared By / Title: ODEQ Capacity Development

CAP DEV SCORE: **81.7%**

Instructions: Capacity development refers to the financial, managerial, and technical conditions that lead to the successful and sustainable operation of a water system. The purpose of this checklist is to help pinpoint areas in the operation of your water system that might significantly impact your ability to produce safe water now and in the foreseeable future. The form should be completed by a managing operator or other official that is familiar with the day-to-day operations of the system. None of the information placed on this form is intended for use in enforcement actions. If you are interested in assistance and/or resources on any specific topic, please make a note in the comments section and DEQ will contact you.

Please note: items in bold are *required* for DWSRF loan applicants.

If you have any questions, please contact the Capacity Development Section at (405) 702-8100.

Technical Capacity				
	Operation and Maintenance Plan	Yes	No	Comments
1	Operation and Maintenance plan available and regularly updated, detailing all aspects of operating the water system.	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
2	Operation and Maintenance plan addresses leak detection/repair, flushing, meter calibration, elimination of cross connections, regular valve exercising, and testing/exercising of emergency/backup equipment.	<input checked="" type="radio"/> Yes	<input type="radio"/> No	

The snapshot above is the top portion of an example Capacity Development Assessment.

Capacity Development Baseline Assessment Results (Cont.)

Ten Most Common TMF Issues

Percentage of systems without	TMF Capacity Deficiency
75%	Without SoonerWARN (Mutual Aid).
65%	Do not conduct energy audits on a regular basis.
59%	Have no written plan to eliminate dead ends in distribution system when feasible.
57%	System has no water rights management plan, or is unaware of the water rights they do possess.
53%	System has not conducted a risk assessment (EPA VSAT or other method) and an emergency response plan (ERP) and has not certified with EPA that both steps have been completed. ERP must be reviewed and practiced annually.
52%	System has no written plan to respond to and address deficiencies noted on sanitary surveys or other inspections.
50%	Operations & Maintenance plan is not regularly reviewed by board.
49%	Does not track water loss yearly with AWWA M36 Method.
44%	Has no Operations and Maintenance plan available and/or regularly updated, detailing all aspects of the water system.
44%	No written plan to regularly test backflow preventers .

The table above identifies the top ten issues among Oklahoma water systems as reported by the Capacity Development Baseline Assessment. According to the data, most common deficiency for water systems is “not a member of SoonerWARN” or any mutual aid group. SoonerWARN is Oklahoma’s Water/Wastewater Agency Response Network. It is the formalized system of “utilities helping utilities” with mutual aid during emergency situations. The lack of systems involved in SoonerWARN may be because of little promotion or marketing. The importance of having mutual aid is highly recommended to water systems.

An overview of the baseline capacity development assessments over a three-year period yielded the following three conclusions:

1. Of all the Technical, Managerial, and Financial (TMF) issues surveyed, the top ten (10) limitations of Oklahoma systems are ‘technical.’

The top ten limitations of Oklahoma water systems were found to be in the technical section of the TMF assessment. Two out of the ten most common issues were related to Operation & Maintenance (O&M) plans. Based on the assessment data, systems tend to lack regularly updated board approved O&M plans. A complete and up-to-date O&M plan is crucial for PWS system sustainability. This plan should cover all aspects of system operations to ensure continuous water system operation in the event of an emergency.

O&M plans are also excellent tools to train new staff, to document and preserve institutional knowledge concerning system operations. PWS governing boards are encouraged to review O&M plans at least annually to become familiar with system operational challenges and to develop a knowledge base for making accurate, strategic, and informed decisions.

2. Of all the deficiencies surveyed, seven (7) out of ten (10) included a lack of ‘written policy or plan’.

According to the table above, it is common for systems to lack any written plan, policy, or procedure. Most systems say they have a plan yet after more investigating, it usually is not actually written down. The importance of having every plan, procedure and audit written down is highly recommended. Without these plans written down for all system staff to view, the possibility for chaos and disorganization is inevitable. One of the main objectives for capacity development is to assist these systems with developing or implementing a written plan, policy, or procedure.

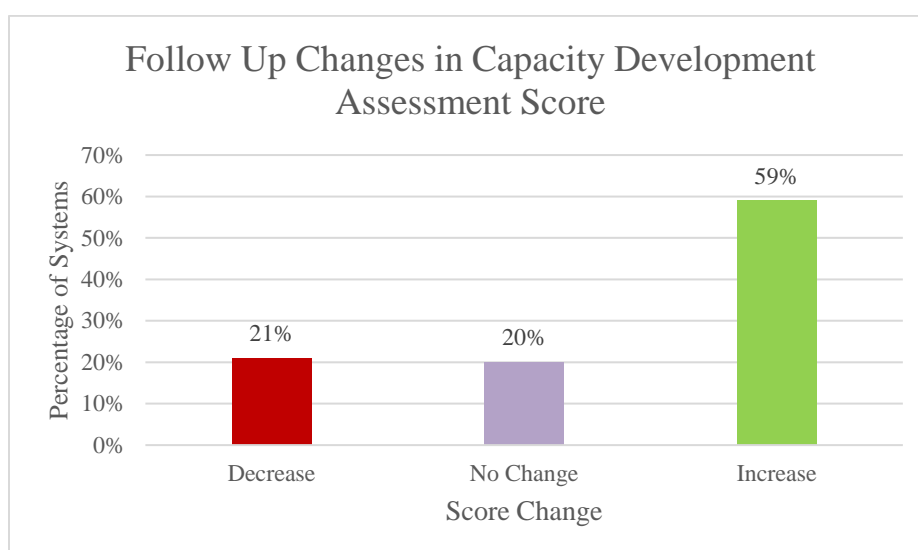
3. Operators leaving or retiring has a major impact on the sustainability of a system.

There are multiple factors that contribute to a system’s capacity development score decreasing over time. One of the biggest influences is high employee turnover. Many of the small systems assessed by DEQ have one operator who has run the system for many years, often taking on many different responsibilities within their community. As those employees retire or leave their systems the institutional knowledge carried by that employee is lost, making written plans and policies even more difficult to create.

Follow Up Results

Since the completion of the Baseline Assessment Project, DEQ and ECLS have conducted follow up with systems who completed their initial capacity development assessment to evaluate the effectiveness of the assessment and subsequent technical assistance. So far, 546 follow-up capacity development assessments have been conducted during 2021-2023. These follow-up assessments make up 45% of the total capacity development assessments completed during the project's duration.

Based on the initial assessments, completed between 2018 and 2020, and the follow up assessments, completed between 2021 and 2023 show that 59% of systems assessed have increased their score over the three-year period (**in the table below**). This is just one of the ways that Capacity Development measures the success of technical assistance. According to the table below, about 20% of systems showed no change in score after the follow up assessment. This reason could be because the system did not request any assistance and was not part of a DWSRF project. Also in the table below, 21% of the systems scores decreased after the follow up assessment. The most common reason for this is because of water system staff turnover which leads to a lack of communication and transfer of knowledge.



Capacity Development Assessment Goals

The current assessment has a total of 107 'yes or no' TMF questions. The Capacity Development Section is in the process of updating the assessment by reducing the number of questions, making the assessment easier to understand, and providing easier access to technical assistance after completing the assessment. The updated assessment will also allow systems to provide a larger range of responses; in addition to being able to answer 'yes or no' to an assessment question they can also answer "Yes, needs verification" or "N/A" if the question does not apply to their system.

Capacity Development staff hopes to complete the updated assessment by fall of 2023. After completion, training sessions will be held to inform ECLS staff of changes and a pilot year for the assessment will begin.

After the assessment is completed, capacity development staff will review the responses and provide technical assistance as requested by the system. Currently, templates for emergency response plans, communications policies, operations and maintenance plans, and asset management planning exist.

Asset Management

Asset management is the practice of operating a PWS so that the cost of owning and operating infrastructure capital assets is minimized while delivering the service level that satisfies customers. Termed “applied common sense” by the water industry, it is a means of operating a system that maximizes efficiencies and maintains sustainability, allowing a system to provide safe water at an affordable cost - indefinitely.

An Asset Management plan is built around 5 core components:

- Building an asset inventory,
- Determining a target level of service,
- Determining criticality of assets,
- Calculating life cycle costing, and
- Developing a long-term funding plan

Building an asset management plan that follows these core components guides water systems toward obtaining the longest and most efficient use of infrastructure possible while ensuring customers receive the quality of service they expect from the system.



The five core components of an asset management plan

The Capacity Development Asset Management Tool

The Capacity Development Section has developed an asset management plan tool that is available to any Oklahoma PWS system, free of charge. The Microsoft Excel-based tool assists systems in cataloging their assets, determining the likelihood and consequence of failure, and exploring timeframes and funding options for asset replacement.

Plans are in place to further improve upon the tool. The Capacity Development Section is utilizing the contract with ORWA to provide cost estimates for a wide array of assets commonly seen in the water industry. The cost estimates will be updated annually at minimum by ORWA and will be built into the asset management plan spreadsheet. This data set will be extremely useful when coordinators are in the field providing technical assistance. Often, PWSs may not have records for the cost of items purchased decades ago. The expense of asset replacement is valuable information for future financial planning.

Asset management plans are vital for making informed decisions on infrastructure acquisition, construction, operation, maintenance, renewal, replacement, expansion, and disposal. Having a plan in place that is regularly updated will minimize risk, help manage costs, and ensure the continuous delivery of safe drinking water to customers.

Asset Management Tool Improvements

The Capacity Development Section assisted with the completion of 44 Asset Management Plans. Improvements continue to be made to DEQs Asset Management Tool. The figures below show examples of some of the improvements made to the asset management tool since its implementation in 2021.

Asset Management Tool Improvements (Cont.)

The snapshot below shows the data collection page from the Asset Management Tool, detailing the specifics of each asset. The life expectancy is now color-coded to help visualize which assets will expire first.

I.D. Number	Category	Type	Size	Description	Location	Installation Date	Installation Estimated?	Current Condition	Repair and Maintenance History	Estimated Year of Failure	Life Expectancy
MeFI-2020-2	Meter	Flow	6"	Magnetometer	at WTP	2020	<input type="checkbox"/>	Good		2032	10.00
MeFI-2017-1	Meter	Flow	6"	Turbine	at WTP	2017	<input type="checkbox"/>	Good		2029	7.00
TrCh-2018-1	Treatment	Chlorination	200 gal	Tank	at WTP	2018	<input type="checkbox"/>	Good		2034	12.00
TrCh-2018-2	Treatment	Chlorination	200 gal	Tank	at WTP	2018	<input checked="" type="checkbox"/>	Good		2034±5	12.00

The snapshot below shows the current predicted cost data calculation in the Asset Management Tool. These equations can be found in the tool under Calculations Tab.

The value of a dollar (in comparison to 1913) is found for the year of purchase and the current year (2022).	The difference in the dollar values between 2022 and the year of purchase is found, then divided by the dollar value for the year of purchase. This calculates the inflation rate between the years.	The inflation rate is then multiplied by the initial price. This gives the amount of dollars added over the years.	The extra dollars are then added to the initial price to find the cost to purchase in 2022.	Find the complete calculation below:
1913: \$1 = \$1 2022: \$1 = \$29.40 Year of purchase: \$1 = x	$\frac{\$29.40 - x}{x} = r$	$r \times \text{initial price} = \$ \text{ added}$	$\$ \text{ added} + \text{initial price} = \text{Cost to purchase in 2022.}$	$((\frac{\$29.40 - x}{x}) \times \text{initial price}) + \text{initial price} = \text{Cost in 2022}$

The snapshot below shows the future predicted cost data calculation in the Asset Management Tool. These equations can be found in the tool under Calculations Tab.

The inflation rate for 2022 is found using the most recent data from the U.S. Congress Joint Economic Committee.	The difference in years between 2022 and the estimated year of failure is found.	The inflation rate is multiplied by the difference in years, as well as the cost to purchase in 2022. This gives us the amount of dollars added past 2022.	The dollars past 2022 are then added to the cost of purchase in 2022 to find the estimated price in the year of failure.	Find the complete calculation below:
"Core" CPI Inflation for 2022 = 4.9%	$2022 - \text{Year of Failure} = Y$	$0.049 \times Y \times \text{Cost in 2022} = p$	$p + \text{Cost in 2022} = \text{Price in Year of Failure}$	$(4.9\% \times \text{Year of Failure} \times \text{Cost in 2022}) + \text{Cost in 2022} = \text{Price in Year of Failure}$

The snapshot below shows the Consequence of Failure Calculation in the Asset Management Tool. These equations can be found in the tool under Calculations Tab.

Consequence of Failure (CoF) Score	For each question within this section, a score is assigned depending on the answer. This score is a sum of the individual question scores				
	Yes back-ups = +0 No back-ups = +1	<u>Loss of water</u> 0-25% = +0.5 26-50% = +1 51-75% = +1.5 76-100% = +2	Yes compliance violations = +1 No compliance violations = +0	Yes health/environmental concerns = +1 No health/environmental concerns = +0	Sum of questions = Consequence of Failure Score
Probability of Failure (PoF) Score	For each question within this section, a score is assigned depending on the answer. This score is a sum of the individual question scores				
	Yes in last 1/3 of life = +1 Not in last 1/3 of life = +0	Above capacity = +2 At capacity = +1 Below capacity = +0	Yes additional maintenance = +1 No additional maintenance = +0	Yes increased maintenance = +1 No increased maintenance = +0	Sum of questions = Probability of Failure Score
Criticality Score	Consequence of Failure Score x Probability of Failure Score = Criticality Score. Max = 20				

Asset Management Tool Improvements (Cont.)

The Capacity Development Section has added a summary page tab to the Asset Management Tool. This page automatically populates assets by criticality. The reason for the addition of this page is to have one main page that gives a quick summary that is easy to understand. A screenshot of this addition is in the **image below**.



OKLAHOMA

Environmental

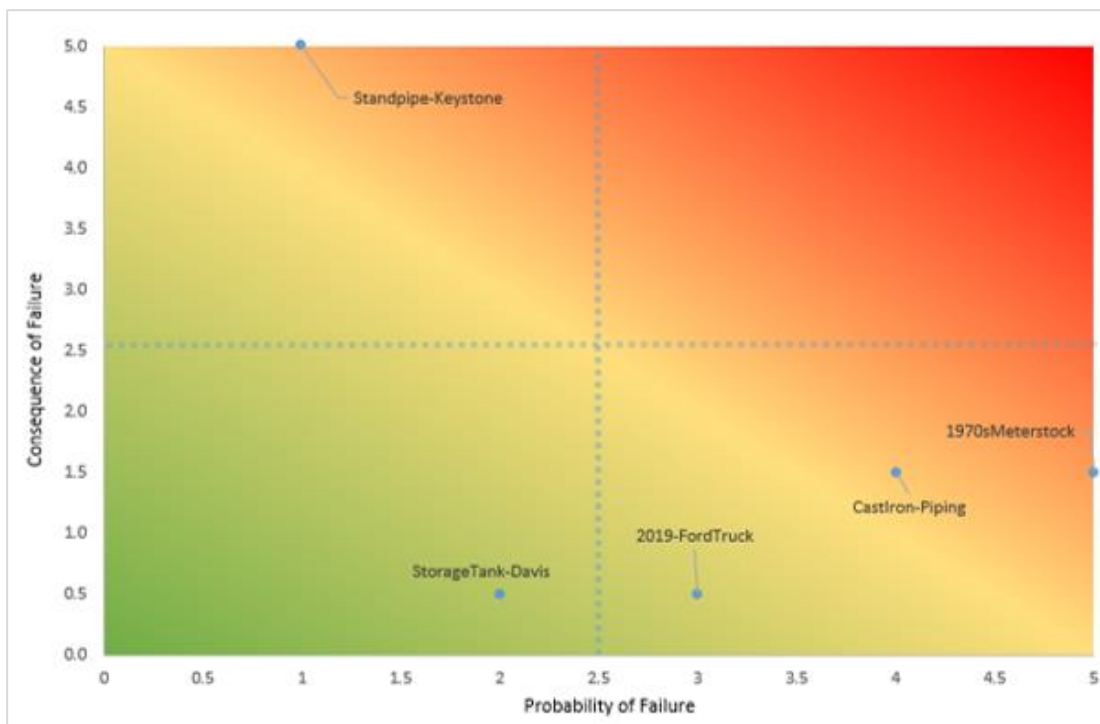
Quality

	Recommendations:	# of Assets
	Immediate Work	20
	Schedule for Rehab/Replace	
	Aggressive Monitoring	
	Sample Monitoring	46

Summary (by most critical)

ID Number	Category	Type	Size	Description	Criticality Score	Estimated Year of Failure	Projected Cost of Replacement	Long-Term Funding Source	Estimated Calculation Disclaimers
1	SoWe-1990-1	Source	Well	well 2 north	2.00	2022±5	\$1,740,163.99	Annual Budget	The YEAR OF FAILURE and PROJECTED COST were calculated using an estimated installation date.
2	PuMe-2013-1	Pump	Metering	well 2 north		2022±5	\$31,205.95	Annual Budget	The YEAR OF FAILURE and PROJECTED COST were calculated using an estimated installation date.
3	BuWe-1990-1	Building	Well house	well 2 north		2040±5	\$61,406.04	Annual Budget	The YEAR OF FAILURE and PROJECTED COST were calculated using an estimated installation date.
4	TaSt-1980-1	Tank	Standpipe	120 ft standpipe tower		2022	\$1,178,156.39	Annual Budget	The PROJECTED COST was calculated using an estimated initial price.
5	SoWe-1980-1	Source	Well	Well 1 east by tower		2022	\$336,616.11	Annual Budget	The PROJECTED COST was calculated using an estimated initial price.

The Capacity Development Section also created a graphic results page. Assets are automatically graphed based on the probability of failure and the consequence of failure. Assets that are more likely to fail *and* cause regulatory or health violations upon failure will be graphed in the 'red' section of the graph. Assets that are less likely to fail and/or will *not* cause violations upon failure- will be graphed in the 'green' section of the graph. A snapshot of this new graphic results page is **below**:



Asset Management Outreach

America's Water Infrastructure Act of 2018 (AWIA) required that states amend their capacity development strategies to include a description of how the state will encourage the development of asset management plans at PWS systems. The Capacity Development Section has completed a revision of the state's strategy, which now includes the promotion of asset management best practices and details the training and technical assistance that the agency will provide. The strategy revisions focus on providing training seminars, one-on-one assistance, and providing for third-party asset management plan development via the ORWA technical assistance contract.

The section has conducted at least eight (8) trainings/presentations on asset management to other agencies and states in the last three years. The asset management tool has been showcased nationally during ASDWA meetings and webinars. Other states and agencies from across the United States have requested copies of DEQ's Asset Management Plan, and some have used the tool as a base to create their own.

A list of trainings and presentations given:

- Asset Management Tool Training to ORWA
- Asset Management Tool Presentation to the Oklahoma Strategic Alliance
- Asset Management Presentation to EPA coordinator
- Asset Management Tool Presentation at ORWA Conferences
- Asset Management for Small Systems ASDWA/OK Presentation
- Asset Management Tool Presentation for ASDWA EBTB National Meeting

There is also an asset management training presentation on the DEQ website that is available to view and obtain operator certification hours. The website link to the online training is here: <https://www.deq.ok.gov/water-quality-division/operator-certification/online-training-catalog/>

Asset management plans are a requirement for any PWS undergoing a project with DEQ's DWSRF section. Once completed, regular updates to the plan are strongly encouraged.

DEQ offers free technical assistance for asset management creation for PWSs. DEQ also sends a copy of the completed asset management plan to the water system to continuously update the data. DEQ's partner, ORWA conducts asset management plans using DEQ's tool as well. They have been fully trained and complete them with systems upon request.

In response to the amendments to Section 1420 of SDWA brought about by Section 2012 of the America's Water Infrastructure Act (AWIA), DEQ's CD section will increase efforts toward promoting and supporting the implementation of Asset Management (AM) at the state's PWS systems. To further support AM training, DEQ intends to explore additional training and technical assistance avenues in the state for water systems. Additionally, DEQ will be developing a process to measure the success of the implementation of these plans and revise accordingly to achieve successful results.

Lead Testing in Schools and Child Care Facilities in Drinking Water Grant Program

Background

Starting in early CY2020, the Capacity Development Section began implementation of a new program aimed at reducing or eliminating lead from the drinking water in public schools and public or private childcare centers. Using funding appropriated by the Water Infrastructure Improvements for the Nation Act- Section 2107 (WIIN 2107), the Lead Testing in School and Child Care Program Drinking Water Grant Program (or LWSC for short) offers free and voluntary testing of lead in drinking water outlets to any Oklahoma public school or public/private childcare center that requests to participate. In addition to free lead sampling in drinking water- schools will receive direction on how to address high lead levels based on EPA's "3Ts" guidance and follow up sampling if necessary.

In the past, lead was a common component of faucets and water supply plumbing. If the water transported and delivered by such plumbing is corrosive, lead can leach out from lines and fixtures and enter the water- exposing anyone using the water to lead. Lead is a highly toxic metal that is harmful to all humans, and no level of lead in the body is considered safe. Children are at particular risk of adverse health effects from lead, including nervous system damage, learning impairment, bone development problems, hearing damage, and anemia. The LWSC program aims to protect the health of children by reducing or eliminating children's exposure to lead in the water they drink at school or childcare centers.



Along with no-cost testing, program participants implement EPA's 3Ts guidance to:

- **Communicate**, throughout the implementation of the program, the results and important lead information to the public, parents, teachers, and larger community,
- **Train** on the risks of lead in drinking water and of the importance of testing for lead, as well as developing key partnerships to support the program,
- **Test** using appropriate testing protocols and a certified laboratory, and
- **Take Action**, including the development of a plan for helping schools and childcare facilities in their response to test results and in addressing potential elevated lead where necessary.

Program Partners

The program is guided by a coalition of agencies and organizations, including: the Secretary of Energy and Environment's Office (OSEE), the Oklahoma Parent Teachers Association (OPTA), and the Departments of Education (OSDE), Environment (DEQ), Health (OSDH), and Human Services (ODHS). This partnership seeks to prioritize facilities that serve younger children (ages 6 and under), facilities serving or located in disadvantaged communities, and facilities that are older and are more likely to contain lead plumbing.

The program also works with groups internal to DEQ, including State Environmental Laboratory Services (SELS), Environmental Complaints and Local Services (ECLS), the Engineering and Enforcement section, and the Land Protection Division.

The SELS division has played an integral role to the success of the program. SELS developed the application forms, plumbing profile questionnaire and outlet inventory form for the program. The SELS division also plays a large role in the program by creating sample kits for each sampling event and performing laboratory analysis on the samples. Communication with the SELS division regarding sampling schedules, and results notification is imperative. **The image right** features a DEQ SELS staff member testing for lead after a sampling event.



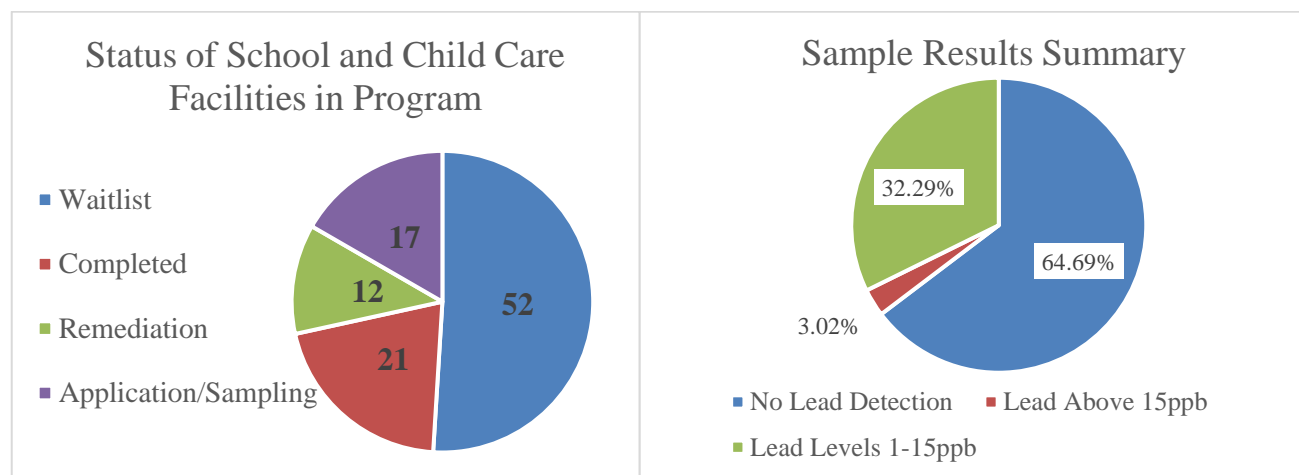
The Lead Testing in Schools Program also works together with the Engineering and Enforcement Section within DEQ for some schools that are also their own water supplies. This past year the program reached out to two public schools that have groundwater wells as the primary water source for their school. One school had a lead exceedance and the other had a copper violation. The Lead Testing in Schools Program and Engineering Section is currently working with both schools to come up with a viable solution.

The Land Protection Division of DEQ has also contributed greatly to the success of Oklahoma's LWSC program. Their partnership, specifically their choice to offer remediation funding through the Site Cleanup Assistance Program (SCAP), has encouraged many schools to sign up and continue with the program after sampling. So far, seven schools have been reimbursed for fixture remediation and replacement of high lead detections (over 15ppb). A total of \$38,458 in SCAP funding has been reimbursed to schools for fixture replacement after high lead detections (over 15ppb). This SCAP funding used for remediation efforts has directly impacted 9,089 students and staff- all of whom will no longer be exposed to lead in their drinking water at their place of work and education.

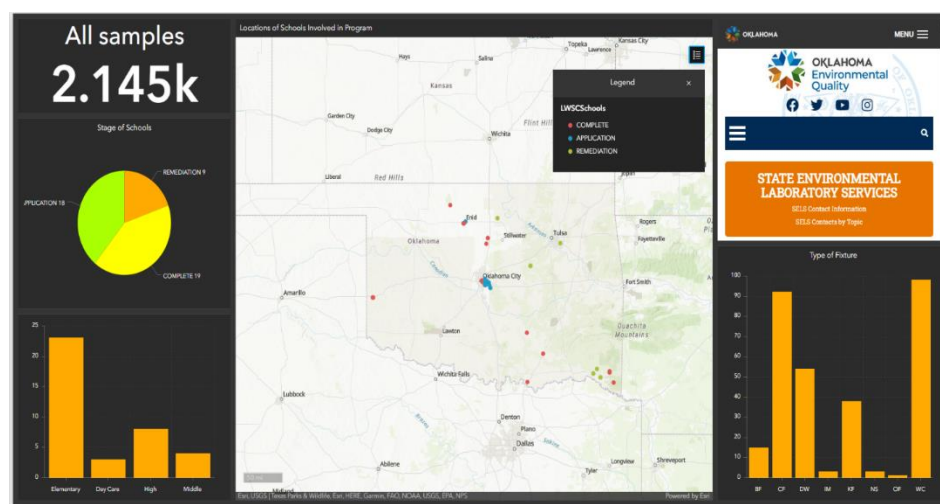
Beginning in FY2024, the ECLS division will help the Capacity Development Section with sampling efforts throughout the state. Sampling requirements necessitate that water samples must be collected before a facility opens and before any water is used. This has presented a challenge to central Oklahoma based staff as program enrollment is available to schools and childcare facilities across the state- regardless of distance from the central offices. The ECLS division's involvement in the program will allow for sampling to continue at a consistent pace while balancing internal staffing constraints and limitations.

Program Updates

There have been many improvements since the start of the program in early CY2020. As of June 30, 2023- one-hundred and two (102) facilities are involved in the program; sixty-six (66) public schools, thirty-five (35) childcare facilities and one (1) youth facility. Currently, there are 3,326 eligible public schools and daycares in Oklahoma. Of the one-hundred and two (102) schools signed up to participate, thirty-three (33) schools have been sampled. **The pie chart below (left)** details that status of each participating schools and childcare centers within the program. A total of twenty-one (21) schools/childcare centers have completed the program.



The pie chart above (right) shows the results of the thirty-three (33) sampling events completed by the program. More than half of samples taken (64.69%) had no lead detections, 32.29% of samples had lead levels between 1-15ppb, and 3.02% of samples were above the 15ppb maximum contaminant level (MCL) for lead.



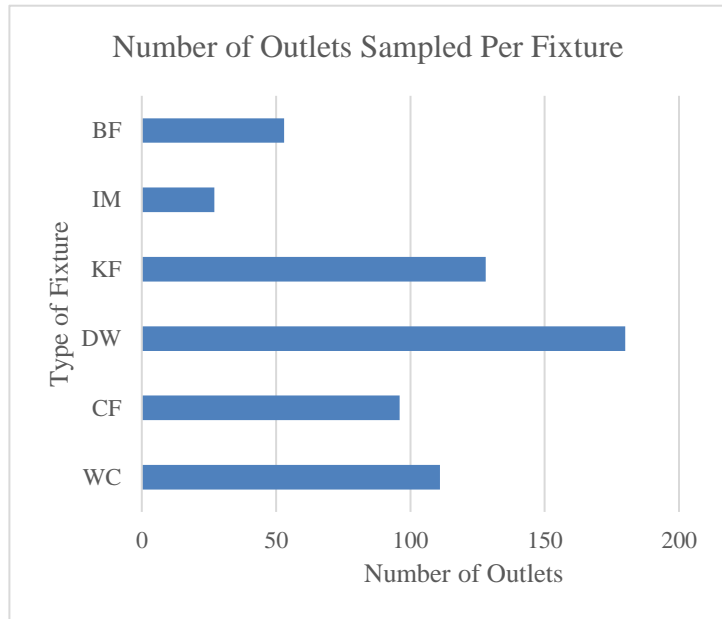
The program has also created a GIS (Geographic Information Systems) dashboard that showcases all sampled data and a map to view information on each school tested. This dashboard is public and viewable at the link below: <https://deq.maps.arcgis.com/apps/dashboards/0ced35b721704791b02eae1210606a8a>

Data Analysis

DEQ has performed data analysis on all samples taken from the start of the program. Most samples taken were from drinking water fountains, kitchen faucets, water coolers with chiller units, and classroom faucets. There were minimal ice machines and bathrooms faucets for drinking at schools. The abbreviations for each type of fixture are listed below:

- WC: Water Cooler with Chiller Unit
- CF: Classroom Faucet
- DW: Drinking Water Fountain
- KF: Kitchen Faucet
- IM: Ice Machine
- BF: Bathroom Faucet

The chart identifies the number of outlets sampled per fixture. Drinking Water Fountains (DW) is a machine that is connected to the buildings water supply for a continuous supply of water was sampled the most. Kitchen Faucets (KF), Water Coolers (WC) and Classroom Faucets (CF) were sampled frequently while Ice Machines (IM) and Bathroom Faucets (BF) were less often sampled.



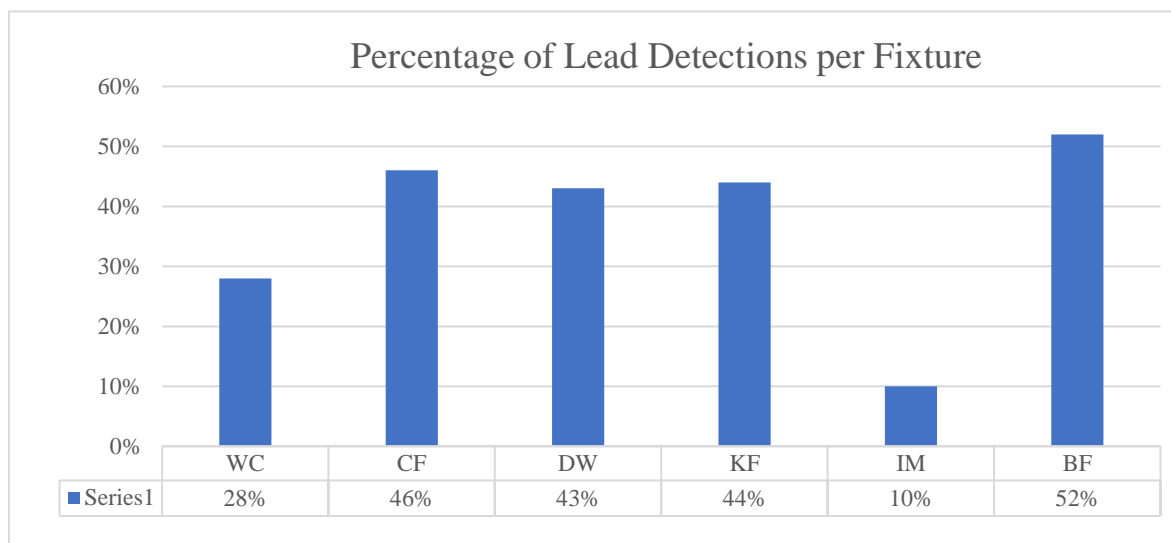
The image above is of a Classroom Faucet (CF) and Drinking Water Fountain (DW) that were sampled at a school. There were multiple schools with two (2) fixtures on each sink. These are often found in schools built prior to 1980.



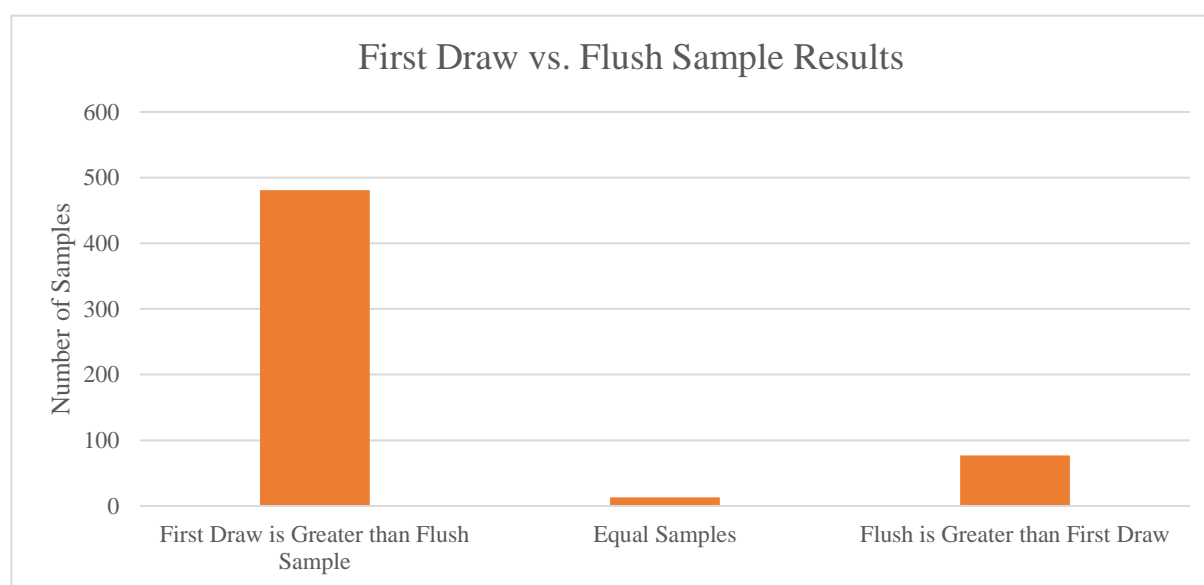
The image above is of a Kitchen Faucet (KF) that was sampled from a school in the program. There was an average of zero to three (0-3) Kitchen Faucets sampled per school.

Data Analysis

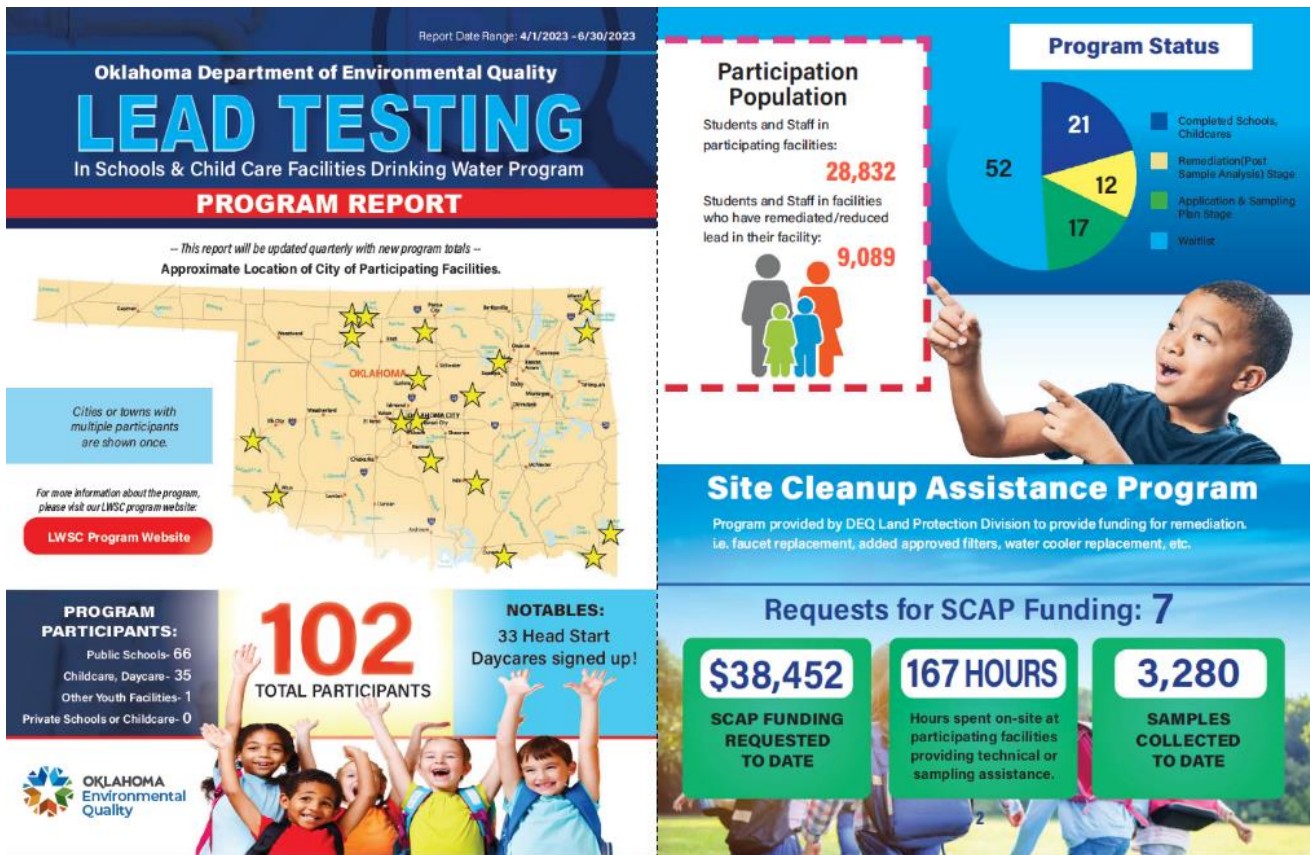
DEQ also performed a data analysis based on the sample results of each of those fixtures. **The chart below** shows the percentages of lead detections per fixture. Bathroom Faucets (BF), Kitchen Faucets (KF), Drinking Fountains (DW) and Classroom Faucets (CF) all had more than 40% of their samples contain lead. Ice Machines (IM) and Water Coolers (WC) had minimal lead detections due to the default installation of filters.



DEQ also performed data analysis for all samples in determining if more lead was detected in the first draw or the flush sample. **The chart below** depicts that most samples resulted in higher lead results in the first draw and decreased in the flush sample. This gives reason to believe that the lead source for most of the samples are coming from the fixture not in the plumbing lines.



Program Improvements




The program has developed a Report that includes participant information, sample results, program status, remediations completed, SCAP funding information, and other program highlights. This Report is updated and published every quarter on the DEQ Lead Testing in Drinking Water in Schools and Child Care Webpage as well as DEQ social media platforms. This has been a great way to showcase the program's hard work and accomplishments. The first two pages of the program's most recent report are above.

The Capacity Development Section has also created signs for schools to put above drinking water fixtures that have had lead detects (**image on the right**). This would be recommended for use if school officials decide to permanently convert a fixture to a 'hand-wash only sink' or as temporary solution. This sign is sent as a Portable Document Format (PDF) to schools with their respective results.



Program Improvements (Cont.)



OKLAHOMA DRINKING WATER
LEAD TESTING
IN PUBLIC SCHOOLS & CHILD CARE FACILITIES

Understanding The Results

To view results for participating schools and childcare facilities, click here: [Lead Testing Results](#)

How to Read the Results

Less than 1.0 µg/L	1.0—14.9 µg/L	15.0 µg/L or More
Lead Below Reportable Limit	Lead Detected	Lead Detected
No Action Recommended	Action Recommended	Immediate Action Recommended

1.0 µg/L
15.0 µg/L

µg/L = ppb (parts per billion)

The Lead Action Level in Drinking Water

The U.S. Environmental Protection Agency (EPA) has set the Lead Action Level in Drinking Water at 15.0 µg/L, which means EPA recommends immediate remediation of any fixture with lead detected above 15.0 µg/L.

For any result that exceeds EPA's action level, the Oklahoma Department of Environmental Quality (DEQ) recommends the facility immediately mark the fixture "out of order" and make it inaccessible. Remediation actions will be documented, and after completion, DEQ will resample to confirm the action successfully lowered the amount of lead detected.

What Can Be Done at Home?

- Test your home water for lead. For more information, please contact DEQ State Environmental Laboratory at 405-702-1000 or selsd@deq.ok.gov.
- Determine if your home has a lead service line by contacting a licensed plumber. This is of minimal concern for homes built after 1986.
- Run water for at least 30 seconds from the tap before drinking, cooking, or making baby formula.
- Use water from the cold tap for drinking, cooking, and making baby formula. Note: Boiling does not remove lead from water.
- Use a filter certified to remove lead, and remember when to replace it. A list of certified filters can be found here: [NSF Certified Product Listings for Lead Reduction](#)


If you are concerned about your child's exposure to lead, you may request a blood level test from your primary care physician.

Are There Other Sources of Lead?

Yes! The most common sources of lead exposure for children are deteriorated lead paint chips and particles.


For more information on sources of lead, health effects, and what you can do, please click here: [EPA Information about Lead in Drinking Water](#)

For more information on DEQ's program click here:
[Oklahoma Drinking Water Lead Testing in Public Schools & Child Care Facilities](#)



OKLAHOMA
Environmental
Quality

This publication is issued by the Oklahoma Department of Environmental Quality authorized by Scott A. Thompson, Executive Director. Copies have been prepared at a cost of \$0.053 each. Copies have been deposited with the publications clearinghouse of the Oklahoma Department of Libraries. (SELSLead Testing Results.indd (7/2022)



The program has created a Lead Results Interpretation sheet to help school staff and parents understand the lead detection results. Most of the public does not know what the EPA Action Level is or what amount of lead requires immediate action. This document is intended to mitigate miscommunication with the public. The document above is on the webpage and sent to schools with their respective results. **See image above.**

Success Stories

A portion of the success of the program is due to water systems contacting their respective schools to sign up for the program. In early 2020 there was hesitation from schools to participate in the program. Without that push from the water systems, the program would not be where it is today. There was a total of 15 schools that either signed up for the program because of promotion from their water system or they worked together with their water system. The list of the schools includes:

- Broken Bow Water System
 - Broken Bow High School
 - Rector Johnson Middle School
 - Dierks Elementary
 - Bennett Elementary
 - Haworth Public Schools
 - Valliant Public Schools
 - Forest Grove Public School
 - Wright City Public School
- Town of Jet
 - Timberlake Public Schools
- City of Enid
 - Hayes Elementary
 - Hoover Elementary
 - Taft Elementary
 - Coolidge Elementary
 - Longfellow Middle School
- Colbert PUA
 - Colbert Public Schools

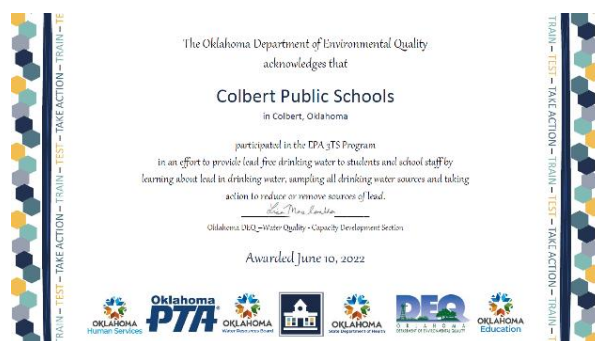
PARTICIPANT TESTIMONIAL

"I would like to express my appreciation for Oklahoma DEQ in providing the Lead Testing in Drinking Water Program. This program will be essential in helping our water system, schools and daycares navigate through the new Revised Lead/Copper Rule. With Oklahoma DEQ's guidance our system will be able to provide the best quality water for our customers. Once again, thank you for your help."

-Jennie Woods
Broken Bow Water Treatment Supervisor

One water system in particular, Broken Bow Water System provided tremendous initiative and promotion for the program. Not only did they get eight (8) schools in their surrounding area to sign up but worked with the school and DEQ every step of the way. The staff of the water system helped DEQ by helping collect samples, escorting DEQ around the buildings, scheduling, communication and repairing fixtures. A quote from the Water Treatment Supervisor of Broken Bow is in the **text box above**.

Another success story includes Colbert Public Schools. This school signed up for the program in 2021 and was sampled for lead in drinking water. After the initial sample, there were four (4) water fountains with high lead detections (over 15ppb). The school requested \$6,295 of SCAP funding for the water fountains to be replaced with new fixtures. The SCAP funding was granted, and the school completed replacement of the fixtures. The fixtures were re-sampled in 2022 and there were no lead detections. The school received the **certificate to the right**, in honor of their completion of the program.



Program Student Involvement

Beginning July 1, 2022, DEQ began developing a student pilot program where high school or college students can participate in the LWSC Program and gain experience and knowledge about the water industry outside of the classroom. The program will allow students to assist in developing inventory and assist in sampling for the LWSC Program. In addition, students will have the opportunity to tour the State Environmental Laboratory to learn the process of analyzing for lead in drinking water. The program officially launched in Spring 2023. The link to sign up is on DEQ's website.



(above) Student Volunteer Program sign up page from the DEQ website.

Expected Outcomes

Expected outcomes for the 'Lead Testing in Public Schools & Childcare Facilities' project are:

- The reduction of children's exposure to lead in drinking water.
- Training schools or childcare programs to begin implementing a testing program and mitigating lead exposure by utilizing the 3Ts toolkit in determining the best action to take for remediation.
- Improvement of school staff and community knowledge on lead in drinking water and other environmental harms.
- Water quality improvement and lead exposure reduction in drinking water.
- Establishment of routine practices such as those outlined in the 3Ts guidance.
- Fostering sustainable partnerships at the state and local level to allow for a more efficient use of resources and the exchange of information among experts in various areas of school, childcare, utility, and health sectors.

PWS Sustainability

Adequate TMF capacity is a critical component of PWS sustainability and is required for a system to consistently provide safe drinking water to the public. Acquiring and maintaining this TMF capacity can be challenging for any water system. A failure to maintain TMF capacity can lead to unsustainable, inefficient operation and frequent or continuous violations of health-based, primary drinking water standards.

If a water system requests technical assistance, the CDS schedules a visit with the PWS to help with various TMF policies and plans to improve the sustainability of the water system. To maximize assistance throughout the state, Oklahoma DEQ has contracted with ORWA to provide TMF assistance with rate analyses, financial management planning, SWP planning, and much more.

In SFY 2023, 142 instances of technical assistance were provided to unique systems across Oklahoma, each of them receiving customized assistance based on their needs. The specific assistance that was provided in SFY 2023 to these systems is detailed in the **table below**.

Type and Number of TMF Assistance Provided for PWS Sustainability 7/1/2022-6/30/2023

TMF Assistance Type	# of Assistances Provided
Emergency Response Planning and Procedures	23
Rate Analysis	40
Source Water Protection Planning	1
Asset Management Plans	25
Water Loss Auditing	30
Leak Detection Assistance	9
Other Technical Assistance (SOP, O&M & Policy Templates)	14
Total	142

To maximize effectiveness, each participating PWS received a package of technical assistance activities focused on their individual needs. There is no maximum amount of time or effort that may be expended on an individual system; as much assistance and guidance as needed will be provided to the participating system. Participation is voluntary and is driven by the level of interest of the participating system.

Small, Underserved, and Disadvantaged Communities

Adequate TMF capacity is especially critical, but often difficult, for the success and sustainability for small (less than 10,000 in population), underserved (by having been in violation of a health-based primary drinking water standard at some point over the past five years), and disadvantaged (communities where the median household income is at 85% or less than the national median household income according to the United States Census Bureau / American Community Survey) communities. Inability to possess adequate TMF capacity can lead to health-based enforcement actions, unpreparedness during emergencies, financial issues, and more.

Over the past six years, the DEQ has been surveying the TMF needs of rural and small municipal PWS systems via the Capacity Development Baseline Assessment Project. Each system was assessed on 109 different aspects of operational sustainability. Preliminary results of the survey found that, on average, the assessed systems possessed 78.19% of needed TMF capacity, and that both decreasing TMF score, and population correlated with an increasing likelihood and frequency of primary drinking water standards violations.

In SFY 2020, DEQ and ORWA, as members of the Oklahoma Strategic Alliance, joined forces and developed a program aimed at improving and enhancing PWS sustainability at small, underserved, and disadvantaged communities. Named the Long-Range System Sustainability (LRSS) Program, the program leads PWS systems through a series of programs and trainings that once complete, provide a significant boost to TMF capacity and system sustainability. The LRSS program focuses on many of the issues examined by the Baseline Assessment, and systems that complete the program demonstrate an improved TMF score, as well as improved efficiency, operations, and fiscal condition. **The image below** features representatives from ORWB, ORWA, DEQ, and a water system supervisor. The members of the Oklahoma Strategic Alliance all played a part in helping the water system complete their Long Range Sustainability Program.



Photo of members from ORWA, ORWB, DEQ, and the Town of Jet at the Long Range Sustainability Program Awards.

Small, Underserved, and Disadvantaged Communities (Cont.)

In addition to the LRSS Program, DEQ has applied for and been awarded grant funds through the Water Infrastructure Improvements Act (WIIN), Section 2104, funding for FFY19 and FFY21. Funding received for FFY19 has been used to contract with ORWA during SFYs 2021-2023 to provide one on one TMF technical assistance for small, underserved, and disadvantaged communities. These grant funds have provided TMF assistance with a focus on actions that lead to resolution of violations of health-based primary drinking water standards and that significantly improve PWS system efficiency, operation, and fiscal health.

During SFY 2022, 58 water systems benefited from the WIIN 2104 FFY19 grant funds. Technical assistance provided by ORWA included compliance assistance with nitrate, Disinfection By-Products (DBPs), lead and copper as well as help with rate analyses, source water plans, emergency response plans, policy development, asset management plans, board member training, and much more.

DEQ has received funding for FY2021 and have applied for FY 2022 and FY 2023. DEQ will use this grant for infrastructure projects to achieve compliance at small, underserved, and disadvantaged communities and enable them to provide water meeting state and federal regulations. DEQ will combine these grant funds with Drinking Water State Revolving Fund (DWSRF) principal forgiveness funding, which will allow additional oversight in the planning, design, bidding, and construction phases of the projects. DEQ plans to continue using the funds as described.

Using guidance from the Baseline Assessment, tools developed in the LRSS program, and technical assistance by ORWA through the WIIN 2104 grant, significant positive changes have been achieved at Oklahoma's small, underserved, and disadvantaged systems. This approach has several advantages:

- **Targeted TMF Assistance:** Via the recently completed Baseline Assessment, the PWS systems most in need of TMF help are known. Furthermore, the assessment specifies precisely what type of assistance is needed. Using WIIN 2104 funds, DEQ is able to target technical assistance on missing or malfunctioning PWS processes for maximum positive effect.
- **Rapid Deployment:** The LRSS program is completely developed and functional, having been in service for several years. By using the structure and services of the LRSS program, DEQ will be able to immediately begin work at targeted PWS systems, generating positive results quickly.
- **Proven Results:** The LRSS program is a significant part of the technical assistance provided to small Oklahoma PWS systems by the Oklahoma Strategic Alliance. In FY2023, the work of alliance partners has saved over 115.1 million gallons per year of water via water loss reduction, improved small Oklahoma PWS financial operating ratios by 20%, added over \$2.971 Million in revenue to PWS budgets (via rate adjustments and efficiency improvements), and helped systems implement numerous policy and procedure improvements.

By using the Baseline Assessment as a roadmap, WIIN 2104 funds for targeted TMF assistance and the LRSS program as tools to arrive at a safe water destination, DEQ has initiated rapid and significant positive changes in the PWS systems that are included in this program. DEQ CDS effectively tailor the provided TMF assistance to focus on resolution of health-based drinking water standards violations that can be corrected via improved operations and system optimization, as well as on improving all aspects of the system's TMF capacity. CDS measure and report on success in terms of system compliance, capacity development assessment scores, and improvements in PWS system financial conditions (as indicated by fiscal indicators and metrics).

SUMMARY AND FUTURE PLANS

Enhancing the *technical, managerial, and financial* capacities of Oklahoma's public water supplies is a group effort. The continued success of the DEQ CD program is dependent on the efforts of the DWSRF Section, PWS Engineering and Enforcement Section, PWS Compliance Section, Operator Certification Section, State Environmental Lab, and the various agencies that represent the FACT and OSA. This cooperative effort is very effective at promoting CD enhancement, but it can possibly be made more effective when efforts are targeted to where they are needed most. To this end, DEQ CD is looking forward to continuing to update the SWP program, enhance AWOP Awards, complete water loss audits and assist in solutions to reduce loss, utilize the results of the state-wide CD baseline assessment to target areas of assistance needed, implement and build the asset management tool, sample for lead at enrolled schools and daycares, and guide the Disadvantaged Communities Program, targeting systems that need the most assistance through on-site help as well as infrastructure funding.

Long-Term expected outcomes for the Capacity Development program include:

1. A trend showing an overall reduction in the number of PWS systems out of compliance with health-based standards.
2. Improved understanding of current and emerging threats to water quality, safe drinking water, public health, and environmental health.
3. Reduced number of accidents, injuries, and safety-related incidents at PWS systems.
4. Completion of a revamped SWP program, including accurate, updated, and easily accessible data, outreach emphasizing the benefits of implementation, information on funding projects to protect source water with a trending increase in SWP plans completed and implemented.
5. Promotion of the AWOP Awards Program to increase awareness and implementation of optimization concepts.
6. Reduction in real and apparent water loss at PWS systems as well as an increased understanding of types of loss and importance of data integrity.
7. A trend showing continued improvement in TMF assessment scores, especially in small, underserved, and disadvantaged communities leading to an improvement in the overall state TMF assessment score.
8. Increased use of asset management planning to improve understanding of asset criticality and enhance sustainability of PWS systems.
9. Continue to promote the lead testing in drinking water in schools and daycare facilities program across the state with an expectation of increased enrollment into the program.
10. Continue to reduce lead exposure from drinking water at schools and daycare facilities by assisting with remediation actions to reduce or eliminate lead.
11. Implement student program to assist with inventory and lead sampling at schools.
12. Improved performance of drinking water systems in small, underserved, and disadvantaged communities.

REFERENCES

Oklahoma Capacity Development Strategy Document SFY22 DWSRF Intended Use Plan

2022 State of Oklahoma Public Water Supply Program Annual Compliance Report

SOURCES OF FUNDS*

Beginning July 1, 2022

Beginning Balance (SFY 2022 Carryover) **\$182,678,490*****State Fiscal Year 2023***

Federal Capitalization Grants \$41,788,805

State Match transferred from DW Admin \$1,337,800

2023A Bond Issue \$174,010,978

Principal Repayments \$29,391,233

Interest Earnings on Loans \$15,681,262

Interest Earnings on Other DW Funds \$1,260,170

Sale of Investments \$2,619,000

Sub Total \$266,089,248**Total Sources of Funds \$448,767,738****USES OF FUNDS**

DWSRF Loan Draws for SFY 2023 \$183,967,782

Sub Total \$183,967,782***DWSRF Set-Aside Programs for SFY 2023***

Payroll \$2,423,603

Suppliers \$1,525,717

Equipment \$0

Sub Total \$3,949,320***Debt Service Obligations***

Leveraged Bond Debt Service - Principal \$16,410,000

Leveraged Bond Debt Service - Interest \$17,903,734

Bond Issuance Cost \$798,915

Sub Total \$35,112,649**Total Uses of Funds \$223,029,751****Difference of Sources and Uses \$225,737,988**

*Cash Basis

Loans Receiving Subsidy and Extended Term Financing

Attachment 8

Recipient	Tracking Number	Assistance Amount	Subsidy Amount	Year	Extended Term (Y/N)	Binding Commitment
Ada PWA	P40-2006201-01	\$ 23,290,000.00			Y	9/15/2015
Adair Municipal Authority	P40-1021613-01	\$ 830,000.00	\$ 332,000.00	FY 2010	N	9/14/2010
Altus MA (III) (LSLI)	P40-1011501-03	\$ 7,600,000.00	\$ 2,500,000.00	FY 2022 BIL LSLI	Y	3/21/2023
Alva UA	P40-2007603-01	\$ 2,635,000.00			Y	12/19/2017
Alva UA (II)	P40-2007603-02	\$ 1,565,000.00	\$ 1,000,000.00	FY 2022 Base and FY 2022 BIL GS	N	12/8/2022
Anadarko PWA	P40-1010806-01	\$ 135,686.43	\$ 102,406.43	FY 2019	100% PF	2/15/2022
Anadarko PWA	P40-1010806-01	\$ 135,686.43	\$ 33,280.00	FY 2021 6%	100% PF	2/15/2022
Atoka Co. RWD #4	P40-1010412-01	\$ 180,230.00	\$ 100,000.00	FY 2017	N	12/15/2020
Atoka Co. RWD #4	P40-1010412-01	\$ 180,230.00	\$ 75,000.00	FY 2019 6%	N	12/15/2020
Atoka Co. RWD #4	P40-1010412-01	\$ 180,230.00	\$ 5,230.00	FY 2020 6%	N	12/15/2020
Atoka MA	P40-1010401-01	\$ 5,169,000.00			Y	10/12/2016
Atoka MA (II)	P40-1010401-02	\$ 4,010,000.00	\$ 100,000.00	FY 2019	Y	2/18/2020
Atoka MA (III)	P40-1010401-03	\$ 1,261,000.00			Y	9/15/2020
Bartlesville Municipal Authority (V)	P40-1021401-05	\$ 3,810,000.00	\$ 500,000.00	FY 2010	N	6/12/2012
Broken Arrow Municipal Authority (III)	P40-1021508-03	\$ 64,755,000.00	\$ 500,000.00	FY 2011	N	9/13/2011
Bryan Co. RWS & SWMD #2 (V)	P40-1010604-05	\$ 70,235.72	\$ 70,235.72	FY 2017	N	9/17/2019
Buffalo PWA	P40-2003003-01	\$ 218,000.00	\$ 218,000.00	FY 2022 BIL GS	100% PF	2/21/2023
Calera Public Works Authority	P40-2000702-01	\$ 1,850,000.00	\$ 100,000.00	FY 2019 6%	Y	4/21/2020
Canadian Co. RWD #5	P40-3000901-01	\$ 1,161,000.00			Y	6/19/2018
Carnegie PWA	P40-2000805-01	\$ 243,080.00	\$ 243,080.00	FY 2022 BIL GS	100% PF	12/08/2022
Chandler Municipal Authority	P40-1020702-01	\$ 2,500,000.00	\$ 375,000.00	FY 2010	N	6/12/2012
Checotah PWA (III)	P40-1020515-03	\$ 1,341,000.00	\$ 1,000,000.00	FY 2022 Base and FY 2022 BIL GS	N	1/17/2023
Cherokee Co. RWD #1	P40-1021621-01	\$ 100,000.00	\$ 100,000.00	FY 2020 6%	N	6/15/2021
Cherokee Co. RWD #3	P40-4001117-01	\$ 3,110,000.00			Y	7/12/2021
Cherokee Co. RWD #11	P40-1221637-01	\$ 1,575,000.00	\$ 79,700.00	FY 2017	N	2/16/2021
Cherokee Co. RWD #11	P40-1221637-01	\$ 1,575,000.00	\$ 100,000.00	FY 2020 6%	N	2/16/2021
Cheyenne UA	P40-1010803-01	\$ 100,000.00	\$ 100,000.00	FY 2017	N	4/21/2020
Collinsville Municipal Authority	P40-1021505-01	\$ 8,291,000.00			Y	12/05/2019
Comanche Co. RWD #2	P40-2001604-01	\$ 3,300,000.00			Y	10/23/2013
Comanche Co. RWD #2 (II)	P40-2001604-02	\$ 2,545,000.00	\$ 636,250.00	FY 2021	Y	6/21/2022
Comanche Co. RWD #2 (III)	P40-2001604-03	\$ 1,840,000.00	\$ 800,000.00	FY 2022 BIL GS	Y	2/21/2023
Comanche PWA	P40-1011101-01	\$ 200,000.00	\$ 104,530.00	FY 2018	100% PF	12/21/2021
Comanche PWA	P40-1011101-01	\$ 200,000.00	\$ 95,470.00	FY 2020 6%	100% PF	12/21/2021
Copan PWA	P40-1021417-01	\$ 1,977,000.00	\$ 1,877,000.00	FY 2018	N	4/20/2021
Copan PWA	P40-1021417-01	\$ 1,977,000.00	\$ 26,268.00	FY 2019 6%	N	4/20/2021
Copan PWA	P40-1021417-01	\$ 1,977,000.00	\$ 73,732.00	FY 2020 6%	N	4/20/2021
Cotton Co. RWD #2	P40-2001702-01	\$ 5,000,000.00			Y	8/21/2018
Creek Co. RWD #2	P40-3001902-01	\$ 13,140,000.00	\$ 1,000,000.00	FY 2022 BIL GS	Y	2/21/2023
Custer City PWA	P40-2002009-01	\$ 708,545.00	\$ 708,545.00	FY 2022 BIL GS	100% PF	12/08/2022
Davis Municipal Authority	P40-1010822-01	\$ 9,995,000.00	\$ 500,000.00	FY 2010	Y	12/13/2011
Delaware Co. RWD #1	P40-3002134-01	\$ 260,000.00			Y	10/17/2011
Delaware Co. RWSG/SWMD #11	P40-3002157-01	\$ 950,000.00	\$ 630,116.78	FY 2012	N	4/15/2014
Delaware Co. RWSG/SWMD #11	P40-3002157-01	\$ 950,000.00	\$ 193,180.61	FY 2013	N	4/15/2014
East Central Oklahoma Water Authority	P40-1021713-01	\$ 1,000,000.00	\$ 100,000.00	FY 2019	Y	8/20/2019
Edmond PWA (III)	P40-1020723-03	\$ 2,500,000.00	\$ 1,688,422.62	FY 2015	N	12/20/2016
Edmond PWA (III)	P40-1020723-03	\$ 2,500,000.00	\$ 811,577.38	FY 2016	N	12/20/2016
Edmond PWA (VI)	P40-1020723-06	\$ 40,000,000.00			Y	4/21/2020
Edmond PWA (V)	P40-1020723-05	\$ 20,000,000.00			Y	4/20/2021
Edmond PWA (VII)	P40-1020723-07	\$ 45,000,000.00	\$ 1,000,000.00	FY 2019	Y	4/18/2022
Edmond PWA (IX)	P40-1020723-09	\$ 140,000,000.00			Y	4/18/2022
Elk City PWA (II)	P40-2000501-02	\$ 1,700,000.00	\$ 373,537.07	FY 2020	N	4/18/2022
Elk City PWA (II)	P40-2000501-02	\$ 1,700,000.00	\$ 51,462.93	FY 2021		
Elk City PWA (II)	P40-2000501-02	\$ 1,700,000.00	\$ 100,000.00	FY 2021 6%	N	4/18/2022
Enid MA (II)	P40-2002412-02	\$ 5,435,000.00	\$ 500,000.00	FY 2010	N	04/10/2012
Enid MA (III)(Eng. Only)	P40-2002412-03	\$ 20,000,000.00			Y	08/21/2018
Enid MA (IV)	P40-2002412-04	\$ 205,000,000.00			Y	12/15/2020
Enid MA (V)	P40-2002412-05	\$ 4,000,000.00	\$ 1,000,000.00	FY 2020	N	04/18/2022
Enid MA (V)	P40-2002412-05	\$ 4,000,000.00	\$ 100,000.00	FY 2021 6%	N	04/18/2022
Eufaula PWA	P40-1020514-01	\$ 1,000,000.00			Y	12/06/2018
Eufaula PWA (II)	P40-1020514-02	\$ 6,185,000.00	\$ 100,000.00	FY 2017	Y	12/06/2018
Fairmont PWA	P40-2002413-01	\$ 862,000.00	\$ 856,859.50	FY 2013	N	05/19/2014
Fort Cobb PWA	P40-2000810-01	\$ 974,146.10	\$ 974,146.10	FY 2022 Base and FY 2022 BIL GS	100% PF	01/17/2023
Garber MA	P40-2002416-01	\$ 2,100,000.00	\$ 1,822,561.48	FY 2014	N	12/02/2015
Garber MA	P40-2002416-01	\$ 2,100,000.00	\$ 268,348.86	FY 2015	N	12/02/2015
Geary Utility Authority	P40-2000608-01	\$ 1,775,000.00			Y	2/08/2011
Geary Utility Authority (II)	P40-2000608-02	\$ 73,732.00	\$ 73,732.00	FY 2019 6%	N	10/15/2019
Garvin Co. RWD #4	P40-3002503-01	\$ 1,183,456.00			Y	12/16/2014
Geronimo PWA (II)	P40-3001680-02	\$ 747,111.00	\$ 747,111.00	FY 2022 BIL GS	100% PF	3/21/2023
Gore PWA	P40-1021773-01	\$ 885,000.00	\$ 874,628.52	FY 2015	N	10/12/2016
Grady Co. RWD #6	P40-3002603-01	\$ 11,220,000.00			Y	12/15/2020
Grand Lake Public Works Authority	P40-1021691-01	\$ 5,500,000.00	\$ 500,000.00	FY 2011	Y	7/17/2012
Guthrie PWA (III)	P40-1020903-03	\$ 610,000.00	\$ 590,706.60	FY 2013	N	6/17/2014
Holdenville PWA (II)	P40-1020803-02	\$ 90,322.50	\$ 90,322.50	FY 2018	N	6/15/2021
Hollis PWA	P40-2002901-01	\$ 383,624.00	\$ 383,624.00	FY 2022 BIL GS	100% PF	3/21/2023
Hominy PWA (II)	P40-1021306-02	\$ 237,403.00	\$ 147,755.00	FY 2021	100% PF	6/21/2022
Hominy PWA (II)	P40-1021306-02	\$ 237,403.00	\$ 89,648.00	FY 2021 6%	100% PF	6/21/2022
Jay UA (II)	P40-1021674-02	\$ 1,031,000.00			Y	5/15/2018
Jet Utilities Authority	P40-2000211-01	\$ 861,500.00	\$ 150,000.00	FY 2017	N	12/15/2020
Jet Utilities Authority	P40-2000211-01	\$ 861,500.00	\$ 100,000.00	FY 2020 6%	N	12/15/2020
Kingfisher PWA	P40-2003702-01	\$ 162,168.00	\$ 100,000.00	FY 2018	N	6/15/2021
Kingfisher PWA	P40-2003702-01	\$ 162,168.00	\$ 62,168.00	FY 2020 6%	N	6/15/2021
Laverne Public Works Authority	P40-2003002-01	\$ 3,700,000.00	\$ 500,000.00	FY 2011	Y	10/16/2012
Lawton WA (IV)	P40-1011303-04	\$ 5,000,000.00	\$ 15,250.00	FY 2020 6%	N	6/21/2022
Lawton WA (IV)	P40-1011303-04	\$ 5,000,000.00	\$ 565,472.07	FY 2021	N	6/21/2022
Lawton WA (V)	P40-1011303-05	\$ 28,000,000.00	\$ 1,000,000.00	FY 2022 BIL GS	Y	12/8/2022
Locust Grove PWA	P40-1021668-01	\$ 9,675,000.00	\$ 100,000.00	FY 2019	Y	4/21/2020
Logan Co. RWD #1	P40-2004207-01	\$ 750,000.00	\$ 112,500.00	FY2010	N	10/05/2011
Logan Co. RWD #1 (II)	P40-2004207-02	\$ 1,250,000.00	\$ 187,500.00	FY 2011	N	03/13/2012
Logan Co. RWD #1 (III)	P40-2004207-03	\$ 1,500,000.00	\$ 451,853.29	FY 2013	Y	12/02/2015
Logan Co. RWD #1 (III)	P40-2004207-03	\$ 1,500,000.00	\$ 1,027,638.52	FY 2014	Y	12/02/2015

1/16/2024

Lone Chimney WA (II)	P40-1021221-02	\$	3,270,000.00	\$ 490,500.00	FY 2011	Y	9/18/2012
Longtown RWD #1	P40-1020623-01	\$	570,000.00	\$ 15,650.00	FY 2010	N	10/16/2012
Longtown RWD #1	P40-1020623-01	\$	570,000.00	\$ 69,850.00	FY 2011	N	10/16/2012
Longtown RWD #1 (II)	P40-1020623-02	\$	600,000.00	\$ 600,000.00	FY 2012	N	03/18/2014
Loyal PWA	P40-2003701-01	\$	612,997.00	\$ 612,997.00	FY 2022 Base and FY 2022 BIL GS	100% PF	10/18/2022
Mayes Co. RWD #6	P40-1021666-01	\$	2,590,000.00	\$ 500,000.00	FY 2012	N	07/16/2013
McAlester PWA	P40-1020609-01	\$	32,500,000.00	\$ 904,581.50	FY 2018	Y	12/21/2021
McAlester PWA	P40-1020609-01	\$	32,500,000.00	\$ 95,418.50	FY 2019	Y	12/21/2021
McAlester PWA	P40-1020609-01	\$	32,500,000.00	\$ 100,000.00	FY 2020 6%	Y	12/21/2021
McCurtain Co. RWD #8 (II)	P40-1010207-02	\$	615,000.00	\$ 100,000.00	FY 2020 6%	N	04/20/2021
McIntosh Co. RWS & SWMD #2	P40-1020535-01	\$	490,000.00	\$ 100,000.00	FY 2017	N	06/16/2020
McIntosh Co. RWS & SWMD #2	P40-1020535-01	\$	490,000.00	\$ 100,000.00	FY 2019	N	06/16/2020
McIntosh Co. RWD #8	P40-1020529-01	\$	100,000.00	\$ 27,034.00	FY 2017	N	02/16/2021
McIntosh Co. RWD #8	P40-1020529-01	\$	100,000.00	\$ 72,966.00	FY 2018	N	02/16/2021
McIntosh Co. RWD #9	P40-3004907-01	\$	695,000.00	\$ 200,000.00	FY 2021	Y	05/17/2022
McIntosh Co. RWD #9	P40-3004907-01	\$	695,000.00	\$ 100,000.00	FY 2021 6%	Y	05/17/2022
Miami Special UA (II)	P40-2005813-02	\$	2,785,000.00	\$ 100,000.00	FY 2019	N	12/05/2019
Muskogee MA (II)	P40-1021607-02	\$	17,640,000.00	\$ 100,000.00	FY 2017	Y	10/16/2018
New Cordell UA	P40-2007502-01	\$	2,250,000.00	\$ 562,500.00	FY 2019	N	12/21/2021
New Cordell UA	P40-2007502-01	\$	2,250,000.00	\$ 100,000.00	FY 2021 6%	N	12/21/2021
Newcastle PWA (II)	P40-2004704-02	\$	1,389,455.00	\$ 208,418.25	FY 2011	N	10/16/2012
Newkirk MA	P40-2003604-01	\$	316,643.24	\$ 316,643.24	FY 2022 BIL GS	100% PF	12/08/2022
Nicoma Park DA	P40-8005579-01	\$	4,700,000.00			Y	06/18/2019
Noble Co. RWD #1	P40-1021205-01	\$	1,155,114.97	\$ 655,031.75	FY 2011	N	8/21/2012
Noble Co. RWD #1	P40-1021205-01	\$	1,155,114.97	\$ 500,083.22	FY 2012	N	8/21/2012
Oklahoma City WUT (III)	P40-1020902-03	\$	35,838,000.00			Y	1/20/2015
Oklahoma City WUT (IV)	P40-1020902-04	\$	65,550,000.00			Y	3/15/2016
Oklahoma City WUT (V)	P40-1020902-05	\$	57,300,000.00			Y	11/15/2016
Oklahoma City WUT (VI)	P40-1020902-06	\$	52,500,000.00			Y	1/16/2018
Oklahoma City WUT (VII)	P40-1020902-07	\$	20,000,000.00			Y	1/15/2019
Oklahoma City WUT (VIII)	P40-1020902-08	\$	21,750,014.00			Y	9/17/2019
Oklahoma City WUT (IX)	P40-1020902-09	\$	74,000,000.00			Y	6/16/2020
Oklahoma City WUT (X)	P40-1020902-10	\$	31,645,000.00	\$ 188,137.07	FY 2019	Y	4/18/2022
Oklahoma City WUT (X)	P40-1020902-10	\$	31,645,000.00	\$ 811,862.93	FY 2020	Y	4/18/2022
Oklahoma City WUT (X)	P40-1020902-10	\$	31,645,000.00	\$ 100,000.00	FY 2021 6%	Y	4/18/2022
Oklahoma City WUT (XI) (LSLI)	P40-1020902-11	\$	2,225,000.00	\$ 734,250.00	FY 2022 LSLI	N	4/18/2023
Okmulgee Co. RWD #4	P40-3005602-01	\$	300,000.00	\$ 225,000.00	FY 2019	100% PF	12/21/2021
Okmulgee Co. RWD #4	P40-3005602-01	\$	300,000.00	\$ 62,168.00	FY 2020 6%	100% PF	12/21/2021
Okmulgee Co. RWD #4	P40-3005602-01	\$	300,000.00	\$ 12,832.00	FY 2021 6%	100% PF	12/21/2021
Okmulgee MA (III)	P40-1020708-03	\$	4,895,000.00	\$ 500,000.00	FY 2010	N	12/14/2010
Okmulgee MA (IV)	P40-1020708-04	\$	700,000.00	\$ 600,000.00	FY 2017	N	5/19/2020
Okmulgee MA (IV)	P40-1020708-04	\$	700,000.00	\$ 100,000.00	FY 2019	N	5/19/2020
Okmulgee MA (V)	P40-1020708-05	\$	1,350,000.00	\$ 337,500.00	FY 2019	N	12/21/2021
Okmulgee MA (V)	P40-1020708-05	\$	1,350,000.00	\$ 100,000.00	FY 2020 6%	N	12/21/2021
Pawnee Public Works Authority	P40-1021209-01	\$	2,130,000.00	\$ 130,000.00	FY 2010	N	03/13/2012
Perry MA (II)	P40-1021206-02	\$	4,000,000.00	\$ 1,000,000.00	FY 2022 BIL GS	Y	09/20/2022
Pittsburg County Rural Water District #14	P40-1020625-01	\$	3,724,500.00	\$ 1,033,500.00	FY 2017	N	04/17/2018
Pontotoc Co. RWD #6	P40-3006222-01	\$	730,000.00	\$ 182,500.00	FY 2021	N	06/21/2022
Pontotoc Co. RWD #6	P40-3006222-01	\$	730,000.00	\$ 100,000.00	FY 2021 6%	N	06/21/2022
Porter PWA	P40-3007306-01	\$	787,480.00	\$ 196,870.00	FY 2019	Y	03/15/2022
Porter PWA	P40-3007306-01	\$	787,480.00	\$ 100,000.00	FY 2021 6%	Y	03/15/2022
Quinton PWA	P40-3006123-01	\$	790,000.00			Y	09/16/2014
Roland Utilities Authority	P40-1020212-01	\$	2,359,000.00			Y	01/21/2020
Rogers Co. RWD #6	P40-3006628-01	\$	3,000,000.00			Y	10/8/2010
Salina Public Works Authority	P40-1021603-01	\$	3,210,000.00	\$ 1,284,000.00	FY 2010	Y	9/18/2012
Sayre PWA	P40-2000508-01	\$	823,180.00			Y	2/19/2019
Shattuck Municipal Authority	P40-2002304-01	\$	1,485,000.00			Y	2/13/2012
Shawnee Municipal Authority (II)	P40-1020504-02	\$	1,485,000.00	\$ 222,750.00	FY 2010	N	8/10/2010
Shawnee Municipal Authority (III)	P40-1020504-03	\$	17,460,000.00	\$ 100,000.00	FY 2020 6%	Y	5/18/2021
South Delaware Co. RWA	P40-1221645-01	\$	3,000,000.00	\$ 1,867,022.62	FY 2016	Y	4/18/2017
Stigler MIA	P40-1020303-01	\$	245,778.21	\$ 245,778.21	FY 2022 BIL GS	100% PF	1/17/2023
Stroud Utilities Authority	P40-1020705-01	\$	2,360,000.00	\$ 354,000.00	FY 2011	N	8/21/2012
Stroud Utilities Authority (II)	P40-1020705-02	\$	161,000.00	\$ 100,000.00	FY 2018	N	8/18/2020
Stroud Utilities Authority (II)	P40-1020705-02	\$	161,000.00	\$ 61,000.00	FY 2019	N	8/18/2020
Stillwater UA (III)	P40-1021220-03	\$	29,900,000.00			Y	5/17/2016
Stillwater UA (IV)	P40-1021220-04	\$	12,600,000.00			Y	8/15/2017
Tahlequah Public Works Authority (II)	P40-1021701-02	\$	1,680,000.00	\$ 252,000.00	FY 2010	N	12/13/2011
Tahlequah Public Works Authority (III)	P40-1021701-03	\$	8,200,000.00			Y	12/06/2018
Temple UA	P40-1011306-01	\$	1,500,000.00	\$ 1,500,000.00	FY 2022 CG, FY 2022 BIL, FY 2022 BIL GS	100% PF	12/08/2022
Tonkawa MA (III)	P40-2003603-03	\$	1,519,100.00	\$ 1,000,000.00	FY 2010	N	01/17/2023
Wagoner Co. RWD #4	P40-1021529-01	\$	6,200,000.00	\$ 200,000.00	FY 2010	N	10/12/2010
Wagoner Co. RWD #5 (III)	P40-1021528-03	\$	4,270,000.00			Y	11/15/2016
Wagoner Co. RWD #5 (IV)	P40-1021528-04	\$	3,245,000.00			Y	03/21/2017
Wagoner Co. RWD #5 (V)	P40-1021528-05	\$	14,215,000.00	\$ 913,072.45	FY 2022 CG, FY 2022 BIL	Y	06/20/2023
Wagoner Public Works Authority (II)	P40-1021649-02	\$	1,200,000.00	\$ 135,000.00	FY 2010	N	9/18/2012
Wagoner Public Works Authority (II)	P40-1021649-02	\$	1,200,000.00	\$ 45,000.00	FY 2011	N	9/18/2012
Waynoka UA (III)	P40-2007604-03	\$	992,200.00	\$ 992,200.00	FY 2022 CG, FY 2022 BIL	100% PF	2/21/2023
Welch PWA	P40-2001801-01	\$	450,000.00	\$ 350,000.00	FY 2019	100% PF	3/15/2022
Welch PWA	P40-2001801-01	\$	450,000.00	\$ 100,000.00	FY 2021 6%	100% PF	3/15/2022
Weleetka Public Works Authority	P40-1020512-01	\$	95,330.00	\$ 95,330.00	FY 2017	N	2/18/2020
Wewoka PWA	P40-1020510-01	\$	400,000.00	\$ 400,000.00	FY 2021	100% PF	6/21/2022
Total for all 134 Loans		\$	1,487,121,844.57	\$ 55,259,296.72			

*Loans are not closed yet.

Percentage of Loans Receiving Additional Subsidy:	72%
Percentage of Funding Provided as Additional Subsidy:	4%
Percentage of Loans Receiving Extended Term Financing:	48%

All Dates from 7/1/2010 thru 6/30/2023

Grant Amount: \$9,935,000
Loan Fund Amount \$6,855,150

	System Name	Date Reported	Amount	Date Closed
1st FFATA report	Creek Co. RWD #2	6/29/2023	\$6,855,150.00	6/9/2023
2nd FFATA report				
3rd FFATA report				
4th FFATA report				
5th FFATA report				
		Sub-total	<u>\$6,855,150.00</u>	
			\$6,855,150.00	
			<u>-\$6,855,150.00</u>	
		Remaining to be reported	\$0.00	

FFATA Report For Grants

Federal Award Identifier Number 98681422
(FAIN):

Federal Agency 6800
ID:

Is this information correct?: Yes

Federal Agency ENVIRONMENTAL PROTECTION AGENCY
Name:

Prime Awardee Unique Entity ID EAJXCM2XTCF3
(SAM):

EFT Indicator:

Prime Awardee Name: DEPARTMENT OF ENVIRONMENTAL
QUALITY

Prime Awardee Address: 707 N ROBINSON AVE
OKLAHOMA CITY, Oklahoma 731026010

Principal Place Of Performance (POP): Oklahoma City, Oklahoma 731011677

CFDA Program 66.468 Capitalization Grants for Drinking Water State Revolving
Number(s): Funds

Is this information correct?: Yes

Project Description: Section 1452 of the Safe Drinking Water Act (SDWA) authorizes the state to utilize funds to further the health protection objectives of SDWA. This agreement will provide funds to capitalize the recipient's Drinking Water State Revolving Fund (DWSRF) to provide low interest financing for costs associated with the planning, design and construction of eligible drinking water improvement projects and activities to protect human health. As part of this agreement, the recipient ensures compliance with federal and state regulations, which are designed to protect public health. Activities: The bulk of the State Revolving Fund (SRF) will be used for loans and other authorized assistance to public water systems for eligible projects, including improving drinking water treatment, fixing leaky or old pipes (water distribution), improving source of water supply, replacing or constructing finished water storage tanks, and other infrastructure projects needed to protect public health. The recipient may also use some of the funding for specific 'set-asides' to provide technical assistance to small systems, program administration, state program management and other allowable uses. Subrecipient: No subawards are included in this assistance agreement. Outcomes: The benefits of this grant will be to capitalize the recipient's Drinking Water State Revolving Fund (DWSRF). The Fund can then be used to increase technical, financial and managerial capacity of public water systems, and provide assurance of a cleaner and safer potable water supply by funding improvements to multiple water infrastructure projects. These public health benefits will be statewide.

Is this information correct?: Yes

Total Federal Funding 9935000.00
Amount:

Is this information correct?: Yes

Obligation/Action Date: September 30, 2022

Is this information correct?: Yes

Report Month: Jun 2023

In your business or organization's preceding completed fiscal year, did your business or organization (the legal entity to which this specific SAM record, No represented by a UEI number, belongs) receive (1) 80 percent or more of your annual gross revenues in U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements; and (2) \$25,000,000 or more in annual gross revenues from U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements?:

Does the public have access to information about the compensation of the executives in your business or organization (the legal entity to which this specific SAM record, represented by a UEI number, belongs) through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986?: No

Prime Awardee Names and Compensation of Highly Compensated Officers:

Subawardee Data

Subawardee Subawardee Unique Entity ID (SAM):
Information:

Subawardee Name:

Subawardee Doing Business As Name:

Subawardee Address:

Subawardee Parent Unique Entity ID (SAM):

Amount of Subaward:

Subaward Obligation/Action Date:

Q4GCJAR62JK6
CREEK, COUNTY
OF
CREEK COUNTY
RURAL WATER
DIST NO 2
2425 W 121ST ST
JENKS, Oklahoma
740372803
HN7ZUXMA9FV5
6855150.00
June 9, 2023
66.468

CFDA Program Number(s):

Federal Agency ID:

Federal Agency Name:

Subaward Project Description:

Subawardee Principal Place of Performance:

Subaward Number:

As provided to you by your subawardee, in your subawardee's business or organization's preceding completed fiscal year, did its business or organization (the legal entity to which the Unique Entity ID (SAM) it provided belongs) receive (1) 80 percent or more of its annual gross revenues in U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements; and (2) \$30,000,000 or more in annual gross revenues from U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements?:

Capitalization
Grants for
Drinking Water
State Revolving
Funds
6800
ENVIRONMENTAL
PROTECTION
AGENCY
Construct water
treatment plant

Jenks, Oklahoma
740376904
ORF-19-0015-DW

No

As provided to you by your subawardee, does the public have access to information about the compensation of the executives in the subawardee's business or organization (the legal entity to which the Unique Entity ID (SAM) it provided belongs) through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986?:

No

=====

Grant Amount: \$25,508,000
Loan Fund Amount \$24,078,530

	System Name	Date Reported	Amount	Date Closed
1st FFATA report	Lawton WA (V)	3/22/2023	\$24,078,530.00	3/8/2023
2nd FFATA report				
3rd FFATA report				
4th FFATA report				
5th FFATA report				
		Sub-total	<u>\$24,078,530.00</u>	
			\$24,078,530.00	
			<u>-\$24,078,530.00</u>	
		Remaining to be reported	\$0.00	

FFATA Report For Grants

Federal Award Identifier Number 02F20301
(FAIN):

Federal Agency 6800
ID:

Is this information correct? Yes

Federal Agency Name: ENVIRONMENTAL PROTECTION AGENCY

Prime Awardee Unique Entity ID (SAM): EAJXCM2XTCF3

EFT Indicator:

Prime Awardee Name: DEPARTMENT OF ENVIRONMENTAL QUALITY

Prime Awardee Address: 707 N ROBINSON AVE
OKLAHOMA CITY, Oklahoma 731026010

Principal Place Of Performance (POP): Oklahoma City, Oklahoma 731026010

CFDA Program Number(s): 66.468 Capitalization Grants for Drinking Water State Revolving Funds

Is this information correct? Yes

Project Description: Section 1452 of the Safe Drinking Water Act (SDWA) authorizes the state to utilize funds to further the health protection objectives of SDWA. This agreement will provide funds, authorized by the Infrastructure Investment and Jobs Act (IIJA) (PL 117-58), to capitalize the recipient's Drinking Water State Revolving Fund (DWSRF) to provide low interest financing for costs associated with the planning, design and construction of eligible drinking water improvement projects and activities to protect human health. As part of this agreement, the recipient ensures compliance with federal and state regulations, which are designed to protect public health. Activities: The bulk of the State Revolving Fund (SRF) will be used for loans and other authorized assistance to public water systems for eligible projects, including improving drinking water treatment, fixing leaky or old pipes (water distribution), improving source of water supply, replacing or constructing finished water storage tanks, and other infrastructure projects needed to protect public health. The recipient may also use some of the funding for specific 'set-asides'; to provide technical assistance to small systems, program administration, state program management and other allowable uses. Subrecipient: No subawards are included in this assistance agreement. Outcomes: The benefits of this grant will be to capitalize the recipient's DWSRF. The Fund can then be used to increase technical, financial and managerial capacity of public water systems, and provide assurance of a cleaner and safer potable water supply by funding improvements to multiple water infrastructure projects. These public health benefits will be statewide.

Is this information correct? Yes

Total Federal Funding Amount: 25508000.00

Is this information correct? Yes

Obligation/Action Date: September 14, 2022

Is this information correct? Yes

Report Month: Mar 2023

In your business or organization's preceding completed fiscal year, did your business or organization (the legal entity to which this specific SAM record, represented by a UEI number, belongs) receive (1) 80 percent or more of your annual gross revenues in U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements; and (2) \$25,000,000 or more in annual gross revenues from U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements? No

Does the public have access to information about the compensation of the executives in your business or organization (the legal entity to which this specific SAM record, represented by a UEI number, belongs) through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986? No

Prime Awardee Names and Compensation of Highly Compensated Officers:

Subawardee Data

Subawardee Information: Subawardee Unique Entity ID (SAM):
Subawardee Name:

Subawardee Address:

Amount of Subaward:

Subaward Obligation/Action Date:

CFDA Program Number(s):

Federal Agency ID:

Federal Agency Name:

N8LFHPD3CWG5

CITY OF LAWTON

212 SW 9TH ST
LAWTON, Oklahoma 735013944

24078530.00

March 8, 2023

66.468 Capitalization Grants for Drinking Water State Revolving Funds

6800

ENVIRONMENTAL PROTECTION AGENCY

Construction of approximately 9,000 linear feet of thirty-six (36) inch DIP potable water line along NW Cache Road, approximately 1,600 linear feet of thirty (30) inch

Subaward Project Description:

DIP potable water line along NW Atlanta Ave. and NW Hunter Road, approximately 13,000 linear feet of twelve (12) inch PVC potable water line along NW Cache Road.

Subawardee Principal Place of Performance:

Lawton, Oklahoma 735013944

Subaward Number:

ORF-22-0046-DW

As provided to you by your subawardee, in your subawardee's business or organization's preceding completed fiscal year, did its business or organization (the legal entity to which the Unique Entity ID (SAM) it provided belongs) receive (1) 80 percent or more of its annual gross revenues in U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements; and (2) \$30,000,000 or more in annual gross revenues from U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements? No

As provided to you by your subawardee, does the public have access to information about the compensation of the executives in the subawardee's business or organization (the legal entity to which the Unique Entity ID (SAM) it provided belongs) through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986? No

Grant Amount: \$40,192,000
Loan Fund Amount \$29,742,080

	System Name	Date Reported	Amount	Date Closed
1st FFATA report	Altus MA (III)	4/28/2023	\$7,600,000.00	4/7/2023
2nd FFATA report	OKC WUT (XI)	4/28/2023	\$2,225,000.00	4/25/2023
3rd FFATA report				
4th FFATA report				
5th FFATA report				
		Sub-total	<u>\$9,825,000.00</u>	
			\$29,742,080.00	
			<u>-\$9,825,000.00</u>	
		Remaining to be reported	\$19,917,080.00	

FFATA Report For Grants

Federal Award Identifier Number 02F21101
(FAIN):

Federal Agency 6800
ID:

Is this information correct? Yes

Federal Agency Name: ENVIRONMENTAL PROTECTION AGENCY

Prime Awardee Unique Entity ID (SAM): EAJXCM2XTCF3

EFT Indicator:

Prime Awardee Name: DEPARTMENT OF ENVIRONMENTAL QUALITY

Prime Awardee Address: 707 N ROBINSON AVE
OKLAHOMA CITY, Oklahoma 731026010

Principal Place Of Performance (POP): Oklahoma City, Oklahoma 731026010

CFDA Program Number(s): 66.468 Capitalization Grants for Drinking Water State Revolving Funds

Is this information correct? Yes

Project Description: Section 1452 of the Safe Drinking Water Act (SDWA) authorizes the state to utilize funds to further the health protection objectives of SDWA. This agreement will provide funds to capitalize the recipient's DWSRF with an emphasis on lead service line replacement and associated activities directly connected to the identification, planning, design, and replacement of lead service lines. As part of this agreement, the state ensures compliance with federal and state regulations, which are designed to protect public health. **Activities:** The state has submitted an Intended Use Plan (IUP) as part of the application package for this capitalization grant. This IUP contains a list of the capital projects that address lead service line replacement and associated activities directly connected to the identification, planning, design, and replacement of lead service lines, which may receive funding from this grant. The recipient may also use some of the funding for specific 'set-asides' to provide technical assistance to small systems, program administration, state program management and other allowable uses. **Subrecipient:** No subawards are included in this assistance agreement. **Outcomes:** The benefits of this grant will be to capitalize the recipient's DWSRF with primary purpose to reduce lead in drinking water by funding projects emphasizing the identification and removal of lead service lines. The Fund may also be used to increase technical, financial and managerial capacity of public water systems, and provide assurance of a cleaner and safer potable water supply by funding improvements to multiple water infrastructure projects. These public health benefits will be statewide.

Is this information correct? Yes

Total Federal Funding Amount: 40192000.00

Is this information correct? Yes

Obligation/Action Date: September 14, 2022

Is this information correct? Yes

Report Month: Apr 2023

In your business or organization's preceding completed fiscal year, did your business or organization (the legal entity to which this specific SAM record, represented by a UEI number, belongs) receive (1) 80 percent or more of your annual gross revenues in U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements; and (2) \$25,000,000 or more in annual gross revenues from U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements? No

Does the public have access to information about the compensation of the executives in your business or organization (the legal entity to which this specific SAM record, represented by a UEI number, belongs) through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986? No

Prime Awardee Names and Compensation of Highly Compensated Officers:

Subawardee Data

Subawardee Information: Subawardee Unique Entity ID (SAM):

Subawardee Name:

Subawardee Address:

Amount of Subaward:

Subaward Obligation/Action Date:

L8NDGFG9HNNH8
OKLAHOMA CITY
WATER UTILITIES
TRUST
INDENTURE
420 W MAIN ST
STE 500
OKLAHOMA CITY,
Oklahoma
731024406
2225000.00
April 25, 2023
66.468

CFDA Program Number(s):	Capitalization Grants for Drinking Water State Revolving Funds
Federal Agency ID:	6800
Federal Agency Name:	ENVIRONMENTAL PROTECTION AGENCY
Subaward Project Description:	Lead Service Line Inventory and Identification.
Subawardee Principal Place of Performance:	Oklahoma City, Oklahoma 731024406 ORF-22-0072-DW
Subaward Number:	
As provided to you by your subawardee, in your subawardee's business or organization's preceding completed fiscal year, did its business or organization (the legal entity to which the Unique Entity ID (SAM) it provided belongs) receive (1) 80 percent or more of its annual gross revenues in U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements; and (2) \$30,000,000 or more in annual gross revenues from U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements?:	No
As provided to you by your subawardee, does the public have access to information about the compensation of the executives in the subawardee's business or organization (the legal entity to which the Unique Entity ID (SAM) it provided belongs) through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986?:	No
Subawardee Unique Entity ID (SAM):	LD9PKNTH2A98
Subawardee Name:	ALTUS MUNICIPAL AUTHORITY
Subawardee Address:	509 S MAIN ALTUS, Oklahoma 735213135
Amount of Subaward:	7600000.00
Subaward Obligation/Action Date:	April 7, 2023 66.468
CFDA Program Number(s):	Capitalization Grants for Drinking Water State Revolving Funds
Federal Agency ID:	6800
Federal Agency Name:	ENVIRONMENTAL PROTECTION AGENCY
Subaward Project Description:	Lead Service Line Inventory and Identification.
Subawardee Principal Place of Performance:	Altus, Oklahoma 735213135 ORF-23-0018-DW
Subaward Number:	
As provided to you by your subawardee, in your subawardee's business or organization's preceding completed fiscal year, did its business or organization (the legal entity to which the Unique Entity ID (SAM) it provided belongs) receive (1) 80 percent or more of its annual gross revenues in U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements; and (2) \$30,000,000 or more in annual gross revenues from U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements?:	No
As provided to you by your subawardee, does the public have access to information about the compensation of the executives in the subawardee's business or organization (the legal entity to which the Unique Entity ID (SAM) it provided belongs) through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986?:	No

Attachment 10
Subsidy Tracking chart

	Principal Forgiveness Amount	2010 Cap Grant Requirement	2011 Cap Grant Requirement	2012 Cap Grant Requirement	2013 Cap Grant Requirement	2014 Cap Grant Requirement	2015 Cap Grant Requirement	2016 Cap Grant Requirement	2017 Cap Grant Requirement	2018 Cap Grant Requirement	2019 Cap Grant Requirement	2019 Cap Grant Requirement for Disadvantaged	2020 Cap Grant Requirement	2020 Cap Grant Require- ment for Dis- advantaged	2021 Cap Grant Requirement	2021 Cap Grant Require- ment for Dis- advantaged	2022 Cap Grant Requirement	2022 Cap Grant Require- ment for Dis- advantaged
Entity		\$5,058,900.00	\$3,510,300.00	\$2,230,200.00	\$2,092,600.00	\$2,850,200.00	\$2,831,400.00	\$2,678,600.00	\$2,655,800.00	\$3,149,400.00	\$3,120,000.00	\$936,000.00	\$2,185,400.00	\$936,600.00	\$2,183,440.00	\$935,760.00	\$1,390,900.00	\$1,192,200.00
Adair MA	\$332,000.00	\$332,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Bartlesville MA (V)	\$500,000.00	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Chandler MA	\$375,000.00	\$375,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Davis MA	\$500,000.00	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Enid MA (II)	\$500,000.00	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Logan Co. RWD #1	\$112,500.00	\$112,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Okmulgee MA (III)	\$500,000.00	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Pawnee PWA	\$130,000.00	\$130,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Salina PWA	\$1,284,000.00	\$1,284,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Shawnee MA (II)	\$222,750.00	\$222,750.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Tahlequah PWA (II)	\$252,000.00	\$252,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Wagoner Co. RWD #4	\$200,000.00	\$200,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Longtown RWD #1	\$85,500.00	\$15,650.00	\$69,850.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Wagoner PWA (II)	\$180,000.00	\$135,000.00	\$45,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Broken Arrow MA (III)	\$500,000.00	\$0.00	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Grand Lake PWA	\$500,000.00	\$0.00	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Laverne PWA	\$500,000.00	\$0.00	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Logan Co. RWD #1 (II)	\$187,500.00	\$0.00	\$187,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lone Chimney WA (II)	\$490,500.00	\$0.00	\$490,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Newcastle PWA (II)	\$208,418.25	\$0.00	\$208,418.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Noble Co. RWD #1	\$1,155,114.97	\$0.00	\$655,031.75	\$500,083.22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Stroud UA	\$354,000.00	\$0.00	\$354,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mayes Co. RWD #6	\$500,000.00	\$0.00	\$0.00	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Longtown RWD #1 (II)	\$600,000.00	\$0.00	\$0.00	\$600,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Delaware Co. RWD #11	\$823,297.39	\$0.00	\$0.00	\$630,116.78	\$193,180.61	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Fairmont PWA	\$856,859.50	\$0.00	\$0.00	\$0.00	\$856,859.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Guthrie PWA (III)	\$590,706.60	\$0.00	\$0.00	\$0.00	\$590,706.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Logan Co. RWD #1 (III)	\$1,479,491.81	\$0.00	\$0.00	\$0.00	\$451,853.29	\$1,027,638.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Garber MA	\$2,090,910.34	\$0.00	\$0.00	\$0.00	\$0.00	\$1,822,561.48	\$268,348.86	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Gore PWA	\$874,628.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$874,628.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Edmond PWA (III)	\$2,500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,688,422.62	\$811,577.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
South Delaware Co. RWA	\$1,867,022.62	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,867,022.62	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Pittsburg Co. RWD #14	\$1,033,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,033,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Muskogee MA (II)	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Eufaula PWA (II)	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
East Central Okla. WA	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Bryan Co. RWD #2 (V)	\$70,236.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$70,236.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Weleetka PWA	\$95,330.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$95,330.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Atoka MA (II)	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Locust Grove PWA	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Miami Special UA (II)	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Cheyenne UA	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Okmulgee MA (IV)	\$700,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$600,000.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Geary UA (II)	\$73,732.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$73,732.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Calera PWA	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
McIntosh Co. RWS & SWMD #2	\$200,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Stroud UA (II)	\$161,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$0.00	\$61,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Atoka Co. RWD #4	\$180,230.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$0.00	\$75,000.00	\$0.00	\$5,230.00	\$0.00	\$0.00	\$0.00	\$0.00
Jet PWA	\$250,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$150,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100,000.00	\$0.00	\$0.00	\$0.00	\$0.00

Attachment 12

SFY 2023 Drinking Water State Revolving Fund (DWSRF) INTENDED USE PLAN (IUP)

REVISIONS

As required by the SDWA, the State of Oklahoma, through the Department of Environmental Quality (DEQ) is required to prepare an 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. The SFY 2023 IUP is being amended to include changes made to the Project Priority List (PPL). The total required subsidization amount is \$2,583,100, which is 26% of the FFY 2022 capitalization grant (\$9,935,000). The FFY 2022 grant did not mandate funding for a green project reserve; therefore, DEQ chose not to track green projects.

DESCRIPTION OF CHANGES

Description of Project Additions and Deletions:

Project Additions – Since the SFY 2023 IUP was issued in July 2022, the public water systems that have requested the SFY 2023 IUP be amended to include construction loans for their communities are shown in the attached Appendix B(1) and:

The following projects received a binding commitment and were removed from the SFY 2023 Project Priority List.

a. Perry MA (II)	\$ 4,000,000.00
b. Loyal PWA	\$ 800,000.00
c. Temple UA	\$ 1,500,000.00
d. Lawton WA (V)	\$ 28,000,000.00
e. Alva UA (II)	\$ 1,700,000.00
f. Newkirk MA	\$ 400,000.00
g. Carnegie PWA	\$ 249,999.00
h. Custer City PWA	\$ 800,000.00
i. Checotah PWA (III)	\$ 1,442,000.00
j. Stigler MIA	\$ 800,000.00
k. Tonkawa MA (III)	\$ 2,000,000.00
l. Fort Cobb PWA	\$ 1,000,000.00
m. Comanche Co. RWD #2 (III)	\$ 1,840,000.00
n. Creek Co. RWD #2	\$ 15,000,000.00
o. Waynoka UA (III)	\$ 992,200.00
p. Buffalo PWA	\$ 314,450.00
q. Geronimo PWA (II)	\$ 800,000.00
r. Hollis PWA	\$ 800,000.00
s. Altus MA (III)	\$ 7,600,000.00
t. OKC WUT (XI)	\$ 2,225,000.00
u. Wagoner Co. RWD #5 (V)	\$ <u>14,215,000.00</u>
	\$ 86,478,649.00

The following projects were removed from the SFY 2023 Project Priority List at the applicants' requests.

- a. Tri-County RWD #2 (removed project, moved project to EC PPL)
- b. Ringwood PWA (removed one project, does not need funding at this time)
- c. Wetumka PWA (removed project, does not need funding at this time)
- d. Ringwood PWA (removed remaining project, does not need funding at this time)
- e. Kansas PWA (removed project, does not need funding at this time)
- f. Talihina PWA (removed project, does not need funding at this time)
- g. Weatherford PWA (II) (removed project, does not need funding at this time)
- h. Broken Arrow MA (IV) (removed project, does not need funding at this time)
- i. Watonga PWA (removed project, does not need funding at this time)
- j. El Reno MA (IV) (removed project, does not need funding at this time)
- k. Bryan Co. RWS and SWMD #2 (VIII) (does not need funding at this time)
- l. Lawton WA (VI) (received notification from OWRB that project is changing to FAP funding)

The following projects were added to the SFY 2023 Project Priority List at the applicant's request.

- a. Comanche PWA (III)
- b. Buffalo PWA
- c. Salina PWA (II)
- d. Guymon UA (III)
- e. Bridgeport PWA
- f. Davenport UA
- g. Tonkawa MA (III)
- h. Pawhuska PWA
- i. Jenks PWA
- j. Berniece PWA
- k. Chelsea Economic DA
- l. Cleveland Co. RWD #1
- m. Fort Towson PWA
- n. Seiling PWA
- o. Cleo Springs PWA
- p. Garfield Co. RWD #6 (II)
- q. Comanche Co. RWD #2 (III)
- r. Altus MA (IV)
- s. Altus MA (V)
- t. Newkirk MA
- u. Breckinridge PWA
- v. Pushmataha Co. RWD #3
- w. El Reno MA (IV)
- x. Fletcher PWA
- y. Harper Co. RWD #1

z.	Latimer Co. RWD #2
aa.	Cherokee DA (III)
bb.	Edmond PWA (XIII)
cc.	Miami Special UA (III)
dd.	LeFlore Co. RWD #17
ee.	Johnston Co. RWD #3
ff.	Drumright Utility Trust
gg.	Dewar PWA
hh.	Commerce DA
ii.	Blackwell MA
jj.	Wagoner Co. RWD #4 (II)
kk.	Cherokee Co. RWD #13
ll.	Boynton PWA
mm.	Pushmataha Co. RWD #2
nn.	Carmen PWA
oo.	Henryetta MA (II)
pp.	Gore PWA (II)

Revised Project Priority List/IUP Project Amounts:

Since the SFY 2023 IUP was issued in July 2022, applicants requested increases and decreases in loan amounts due to bid amounts or revised construction estimates.

Applicants for the following projects requested loan increases and decreases:

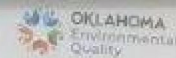
		<u>From</u>	<u>To</u>
a.	Buffalo PWA	\$ 12,000,000.00	\$ 10,573,680.00
b.	Jay UA (III)	\$ 6,000,000.00	\$ 8,000,000.00
c.	Creek Co. RWD #2	\$ 5,695,081.40	\$ 10,691,000.00
d.	Lawton WA (V)	\$ 25,000,000.00	\$ 28,000,000.00
e.	New Cordell UA (II)	\$ 150,000.00	\$ 800,000.00
f.	Loyal PWA	\$ 150,000.00	\$ 800,000.00
g.	Okmulgee Co. RWD #2	\$ 375,000.00	\$ 900,000.00
h.	Checotah PWA (II)	\$ 1,200,000.00	\$ 2,490,300.00
i.	Temple UA	\$ 824,000.00	\$ 1,000,000.00
j.	Breckinridge PWA	\$ 470,000.00	\$ 992,308.50
k.	Buffalo PWA	\$ 10,573,680.00	\$ 300,000.00
l.	El Reno MA (IV)	\$ 1,000,000.00	\$ 1,500,000.00
m.	Alva UA (II)	\$ 1,500,000.00	\$ 1,700,000.00
n.	Carnegie PWA	\$ 219,175.00	\$ 249,999.00
o.	Custer City PWA	\$ 760,000.00	\$ 800,000.00
p.	Buffalo PWA	\$ 300,000.00	\$ 314,450.00
q.	Fort Cobb PWA	\$ 357,621.00	\$ 1,000,000.00
r.	Tonkawa MA (III)	\$ 2,043,405.00	\$ 1,400,000.00
s.	Maysville MA	\$ 6,600,000.00	\$ 4,195,800.00
t.	Creek Co. RWD #2	\$ 10,691,000.00	\$ 15,000,000.00
u.	Marietta PWA	\$ 5,200,000.00	\$ 5,202,472.00
v.	Okarche PWA	\$ 2,775,000.00	\$ 2,895,000.00
w.	LeFlore Co. RWD #17	\$ 136,000.00	\$ 1,000,000.00

x. Salina PWA (II)	\$	1,500,000.00	\$	2,640,000.00
y. Comanche PWA (III)	\$	602,550.00	\$	488,100.00
z. Porum PWA	\$	3,457,310.00	\$	6,296,510.00
aa. Blackwell MA	\$	1,575,000.00	\$	1,600,000.00
bb. Wagoner Co. RWD #5 (V)	\$	12,770,000.00	\$	14,215,000.00
cc. LeFlore Co. RWD #17	\$	1,000.000.00	\$	2,300,000.00





DWSRF Project No. P40-2007603-02
CITY OF ALVA/ALVA UTILITY AUTHORITY
AMI METER IMPROVEMENTS



\$1,393,660.00

Oklahoma Drinking Water State Revolving Fund



13911 Quail Pointe Drive
Oklahoma City, Oklahoma 73134



14701 E. 116th St.
N. Owasso, OK 74055

- Funded by the Oklahoma Department of Environmental Quality in cooperation with the Oklahoma Water Resources Board and U.S. Environmental Protection Agency

State Senator:
Casey Murdock, District No. 27

State Representative:
Carl Newton, District No. 58

08.09.2023



OKLAHOMA
Water Resources Board



**Carnegie Digital Water Meters
Town of Carnegie
Loan amount - \$243,000.00
Drinking Water State Revolving Fund**

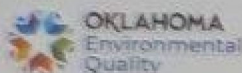
W.D. Engineering
6330 SE 74th
Oklahoma City, Oklahoma

Metron - Farnier, LLC
Boulder CO

Darcy Jech
State Senator

Funded by the
Oklahoma Department of Environmental Quality
in cooperation with the
Oklahoma Water Resources Board and
U.S. Environmental Protection Agency

Toni Hasenbeck
Oklahoma State Representative



WATER SYSTEM IMPROVEMENTS DWSRF PROJECT NO. P40-2002009-01

CITY OF CUSTER CITY

\$643,335.75

Drinking Water State Revolving Fund



13911 QUAIL POINTE DR.
OKC, OK 73134

Funded by the
Oklahoma Department of Environmental Quality
in Cooperation with the
Oklahoma Water Resources Board and
U.S. Environmental Protection Agency



1209 N. 30th STREET
ENID, OK 73701

State Senator
Darcy Jech
State Representative
Anthony Moore



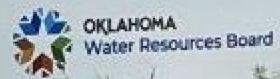
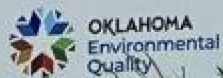
PROJECT FUNDED BY
The Bipartisan Infrastructure Law



PRESIDENT JOE BIDEN

**BUILDING A
BETTER AMERICA**

BUILD.GOV





OKLAHOMA
Environmental
Quality

Water System Improvements Consisting of Water Line & Other Appurtenances

DWSRF - P40-2002901-01



City of Hollis

\$325,400.00

Drinking Water State Revolving Fund

Myers Engineering
13911 Quail Pointe Dr.
Hollis, OK 73134

M&T Septic & Backhoe Service, Inc.
911 S. Mustang Rd.
Blanchard, OK 73010

Funded by the
Oklahoma Department of Environmental Quality
in cooperation with the
Oklahoma Water Resources Board
U.S. Environmental Protection Agency

Senator - Brent Howard
Representative - Gerrid Kendrix



WATER SYSTEM IMPROVEMENTS



CITY OF PERRY/
PERRY MUNICIPAL AUTHORITY

\$4,000,000.00

Drinking Water State Revolving Fund No. P40-1021206-02

Engineer:

Myers Engineering
13911 Quail Pointe Drive
Oklahoma City, OK 73134

Contractor:

Wynn Construction Co., Inc.
11901 N. Eastern Avenue
Oklahoma City, OK 73131

Funded by the
Oklahoma Department of Environmental Quality
in cooperation with the
Oklahoma Water Resources Board and
U.S. Environmental Protection Agency

State Senator: Chuck Hall
State Representative: John Pfeiffer

01.19.2023

 **Tonkawa 2022 CDBG DWSRF Waterline Improvements**
City of Tonkawa, Oklahoma
\$1,519,100.00
Drinking Water State Revolving Fund

Parkhill
2200 Oklahoma Ave, Suite 110
Woodward, OK 73061
Circle B Underground, LLC
PO Box 868
Bristow, OK 74010
Funded by the
Oklahoma Department of Environmental Quality
in cooperation with the
Oklahoma Water Resources Board and
U.S. Environmental Protection Agency
State Senator: Bill Coleman
State Representative: John Pfluffer
Oklahoma Department of Commerce

PROJECT FUNDED BY
The Bipartisan Infrastructure Law
PRESIDENT JOE BIDEN
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BETTER AMERICA**
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**DANGER
HIGH VOLTAGE**



State Tracking Number	Other Track Number	Borrower Name	Initial Agreement Date	Initial Agreement Amount	Current Additional Subsidy Amount	Assigned Grant Subsidy	Total Project Cost	# of Projects
ORF-22-0004-DW	P40-1021528-05	Wagoner County Rural Water District No. 5	06/23/2023	\$14,215,000.00	\$913,072.45	\$913,072.45	\$14,215,000.00	1
ORF-19-0015-DW	P40-3001902-01	Creek County RWD # 2	06/09/2023	\$13,140,000.00	\$1,000,000.00	\$1,000,000.00	\$13,140,000.00	1
ORF-22-0072-DW	P40-1020902-11	Oklahoma City Water Utilities Trust (XI) LSLI	04/25/2023	\$2,225,000.00	\$734,250.00	\$734,250.00	\$2,225,000.00	1
ORF-23-0018-DW	P40-1011501-03	Altus Municipal Authority (III)	04/07/2023	\$7,600,000.00	\$2,500,000.00	\$2,500,000.00	\$7,600,000.00	1
ORF-23-0040-DW	P40-3001680-02	Geronimo Public Works Authority	04/07/2023	\$747,111.00	\$747,111.00	\$747,111.00	\$747,111.00	1
ORF-23-0045-DW	P40-2002901-01	Hollis Public Works Authority	04/07/2023	\$383,624.00	\$383,624.00	\$383,624.00	\$383,624.00	1
ORF-23-0049-DW	P40-2007603-03	Waynoka Utilities Authority	03/30/2023	\$992,200.00	\$992,200.00	\$992,200.00	\$992,200.00	1
ORF-22-0088-DW	P40-2003603-03	Tonkawa Municipal Authority	03/17/2023	\$1,519,100.00	\$1,000,000.00	\$1,000,000.00	\$1,519,100.00	1
ORF-22-0046-DW	P40-1011303-05	Lawton Water Authority (V)	03/08/2023	\$28,000,000.00	\$1,000,000.00	\$1,000,000.00	\$28,000,000.00	1
ORF-22-0032-DW	P40-1011306-1	Temple Utilities Authority	03/06/2023	\$1,500,000.00	\$1,500,000.00	\$1,500,000.00	\$1,500,000.00	1
ORF-23-0004-DW	P40-2003003-01	Buffalo PWA	03/03/2023	\$218,000.00	\$218,000.00	\$218,000.00	\$218,000.00	1
ORF-23-0015-DW	P40-2001604-03	Comanche County Rural Water District #2	02/28/2023	\$1,840,000.00	\$800,000.00	\$800,000.00	\$1,840,000.00	1
ORF-23-0055-DW	P40-1020515-03	Checotah Public Works Authority (III)	02/06/2023	\$1,341,000.00	\$1,000,000.00	\$1,000,000.00	\$1,341,000.00	1
ORF-22-0005-DW	P40-2000810-01	Fort Cobb Public Works Authority	01/31/2023	\$974,146.10	\$974,146.10	\$974,146.10	\$974,146.10	1
ORF-23-0052-DW	P40-1020303-01	Stigler Municipal Improvement Authority	01/30/2023	\$245,778.21	\$245,778.21	\$245,778.21	\$245,778.21	1
ORF-23-0041-DW	P40-2000805-01	Carnegie Public Works Authority	01/12/2023	\$243,080.00	\$243,080.00	\$243,080.00	\$243,080.00	1
ORF-23-0046-DW	P40-2007603-02	Alva Utility Authority (II)	12/30/2022	\$1,565,000.00	\$1,000,000.00	\$1,000,000.00	\$1,565,000.00	1
ORF-23-0047-DW	P40-2002009-01	Custer City Public Works Authority	12/20/2022	\$708,545.00	\$708,545.00	\$708,545.00	\$708,545.00	1
ORF-23-0025-DW	P40-2003604-01	Newkirk Municipal Authority	12/14/2022	\$316,643.24	\$316,643.24	\$316,643.24	\$316,643.24	1
ORF-20-0026-DW	P40-2003701-01	Loyal Public Works Authority	11/29/2022	\$612,997.00	\$612,997.00	\$612,997.00	\$612,997.00	1
ORF-22-0018-DW	P40-1021206-02	Perry Municipal Authority (II)	09/30/2022	\$4,000,000.00	\$1,000,000.00	\$1,000,000.00	\$4,000,000.00	1
							Total # of Projects	21

Attachment 15
Subsidy Draw Down Tracking Chart

Entity	Regular Subsidy		
	Subsidy Amount	Subsidy Amount Drawn To Date	Subsidy Amount Remaining to be Drawn
Adair MA	\$332,000.00	\$332,000.00	\$0.00
Bartlesville MA (V)	\$500,000.00	\$500,000.00	\$0.00
Chandler MA	\$375,000.00	\$375,000.00	\$0.00
Davis MA	\$500,000.00	\$500,000.00	\$0.00
Enid MA (II)	\$500,000.00	\$500,000.00	\$0.00
Logan Co. RWD #1	\$112,500.00	\$112,500.00	\$0.00
Okmulgee MA (III)	\$500,000.00	\$500,000.00	\$0.00
Pawnee PWA	\$130,000.00	\$130,000.00	\$0.00
Salina PWA	\$1,284,000.00	\$1,284,000.00	\$0.00
Shawnee MA (II)	\$222,750.00	\$222,750.00	\$0.00
Tahlequah PWA (II)	\$252,000.00	\$252,000.00	\$0.00
Wagoner Co. RWD #4	\$200,000.00	\$200,000.00	\$0.00
Longtown RWD #1	\$85,500.00	\$85,500.00	\$0.00
Wagoner PWA (II)	\$180,000.00	\$180,000.00	\$0.00
Broken Arrow MA (III)	\$500,000.00	\$500,000.00	\$0.00
Grand Lake PWA	\$500,000.00	\$500,000.00	\$0.00
Laverne PWA	\$500,000.00	\$500,000.00	\$0.00
Logan Co. RWD #1 (II)	\$187,500.00	\$187,500.00	\$0.00
Lone Chimney WA (II)	\$490,500.00	\$490,500.00	\$0.00
Newcastle PWA (II)	\$208,418.25	\$208,418.25	\$0.00
Noble Co. RWD #1	\$1,155,114.97	\$1,155,114.97	\$0.00
Stroud UA	\$354,000.00	\$354,000.00	\$0.00
Mayes Co. RWD #6	\$500,000.00	\$500,000.00	\$0.00
Longtown RWD #1 (II)	\$600,000.00	\$600,000.00	\$0.00
Delaware Co. RWD #11	\$823,297.39	\$823,297.39	\$0.00
Fairmont PWA	\$856,859.50	\$856,859.50	\$0.00
Guthrie PWA (III)	\$590,706.60	\$590,706.60	\$0.00
Logan Co. RWD #1 (III)	\$1,479,491.81	\$1,479,491.81	\$0.00
Garber MA	\$2,090,910.34	\$2,090,910.34	\$0.00
Gore PWA	\$874,628.52	\$874,628.52	\$0.00
Edmond PWA (III)	\$2,500,000.00	\$2,500,000.00	\$0.00
South Delaware Co. RWA	\$1,867,022.62	\$1,867,022.62	\$0.00
Pittsburg Co. RWD #14	\$1,033,500.00	\$1,033,500.00	\$0.00
Muskogee MA (II)	\$100,000.00	\$100,000.00	\$0.00
Eufaula PWA (II)	\$100,000.00	\$100,000.00	\$0.00
Bryan Co. RWD #2 (V)	\$70,236.00	\$70,236.00	\$0.00
Weleetka PWA	\$95,330.00	\$95,330.00	\$0.00
Cheyenne UA	\$100,000.00	\$100,000.00	\$0.00
Okmulgee MA (IV)*	\$600,000.00	\$600,000.00	\$0.00
McIntosh Co. RWS & SWMD #2*	\$100,000.00	\$100,000.00	\$0.00
Stroud UA (II)*	\$100,000.00	\$100,000.00	\$0.00
Atoka Co. RWD #4*	\$100,000.00	\$100,000.00	\$0.00
Jet UA*	\$150,000.00	\$150,000.00	\$0.00
Cherokee Co. RWD #11*	\$79,700.00	\$79,700.00	\$0.00
McIntosh Co. RWD #8	\$100,000.00	\$100,000.00	\$0.00
Copan PWA*	\$1,882,103.00	\$1,882,103.00	\$0.00
Holdenville PWA (II)	\$90,322.50	\$62,107.50	\$28,215.00
Kingfisher PWA*	\$100,000.00	\$100,000.00	\$0.00
McAlester PWA*	\$1,000,000.00	\$1,000,000.00	\$0.00
New Cordell UA*	\$562,500.00	\$562,500.00	\$0.00
Okmulgee MA (V)*	\$337,500.00	\$337,500.00	\$0.00
Okmulgee Co. RWD #4*	\$225,000.00	\$225,000.00	\$0.00
Comanche PWA*	\$104,530.00	\$104,530.00	\$0.00
Porter PWA*	\$196,870.00	\$196,870.00	\$0.00
Anadarko PWA*	\$102,406.43	\$102,406.43	\$0.00
OKC WUT (X)*	\$1,000,000.00	\$1,000,000.00	\$0.00
Edmond PWA (VII)	\$1,000,000.00	\$0.00	\$1,000,000.00
Erik City PWA (II)*	\$425,000.00	\$425,000.00	\$0.00
Enid MA (V)*	\$1,000,000.00	\$1,000,000.00	\$0.00
McIntosh Co. RWD #9*	\$200,000.00	\$200,000.00	\$0.00
Comanche Co. RWD #2 (II)	\$636,250.00	\$636,250.00	\$0.00
Weich PWA*	\$350,000.00	\$208,365.80	\$141,634.20
Lawton WA (IV)*	\$565,472.07	\$75,750.00	\$489,722.07
Pontotoc Co. RWD #6*	\$182,500.00	\$182,500.00	\$0.00
Hominy PWA (II)*	\$147,755.00	\$147,755.00	\$0.00
Wewoka PWA	\$400,000.00	\$271,192.01	\$128,807.99
Loyal PWA	\$214,077.00	\$26,300.00	\$187,777.00
Temple UA	\$500,000.00	\$18,750.00	\$481,250.00
Wagoner Co. RWD #5 (V)	\$250,000.00	\$0.00	\$250,000.00
	\$35,453,252.00	\$32,745,845.74	\$2,707,406.26
	Grand Total of Subsidy	Grand Total Drawn To Date	Total Remaining To Be Drawn

* Received subsidy funds from Regular funds and Disadvantaged funds

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