



2023 Annual Report

Clean Water State Revolving Fund
Financial Assistance Division



**continuing to serve our citizens
across Oklahoma**

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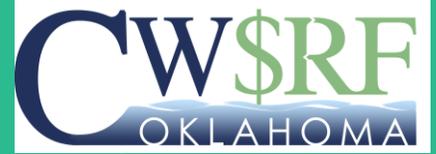
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Oklahoma Water Resources Board

Financial Assistance Division



OWRB Financial Assistance Engineering
(back) Zach Bradley, Harold Swager
(front) Matt Cortez, Alpha Thapa



OWRB Financial Assistance
Chief - Joe Freeman
Assistant Chief - Lori Johnson



OWRB Financial Assistance Analysts
(back) Charles deCoune, Tim Davis,
Andy Allen
(front) Kretchen Olmeda, Donna Bitsche,
Jen Cullins



OWRB Financial Assistance Admin
(left to right)
Kate Burum, Laura Oak, Joe Freeman,
Lori Johnson, Tonya White



OWRB Financial Assistance Environmental
(left to right)
Paula Mills, Lindy Clay



OWRB Financial Assistance Operations
(left to right)
Jerri Hargis, Deann Langston,
Jordan Johnson, Kelly Jasper

Customer Focused and Service Aware



OKLAHOMA

Water Resources Board



The Oklahoma Water Resources Board is committed to resolving Oklahoma's complex water issues through leadership, innovation, and scientific understanding. As the recognized experts in our field, we are proud to represent Oklahoma at the national level as a leader in planning and investing in the long-range water needs of its municipalities, rural water and wastewater systems. Our goal is to ensure that all Oklahomans have access to clean and plentiful water supplies and modern wastewater facilities. To meet this goal, we strive to be forward-thinking, embrace change and opportunity, and encourage creative approaches.

Meeting the infrastructure needs of our systems is a major focus of our ongoing update of the Oklahoma Comprehensive Water Plan, which will now include Oklahoma's first statewide flood plan. The current plan identified over \$82 billion in water infrastructure needs through 2060. Recent weather extremes have placed added pressure on communities to find ways to mitigate the impacts to their citizens and economies. As we identify areas of the state that are impacted by flooding and drought, we are documenting the need for sound policies, upgraded infrastructure, and reserve supplies. Water supplies in the western half of the state have historically been decimated by drought; however, we are also seeing increasing water supply and water quality issues in other areas of the state as well.

As a result, communities across the state are more interested than ever in securing resources to upgrade infrastructure, address water quality issues, and find additional supply options. Investing in the modernization of water and wastewater systems is now at the forefront of local policy discussions.

The OWRB's financial assistance programs have provided Oklahoma communities with the means to implement water resources projects at a reduced cost since 1983. The Clean Water State Revolving Fund (CWSRF) program continues to be an instrumental financing resource for communities. The program is being used to fund innovative projects that lead to water savings and water quality improvements that preserve fresh water supplies and boost resilience to extreme weather events.

We look forward to working together with our federal, state, and local partners to ensure that Oklahoma communities will continue to have clean and plentiful supplies of water for their health and livelihood as well as the means to access and utilize our water to grow their economies.

Sincerely,

Julie Cunningham
Executive Director



OKLAHOMA

Water Resources Board



The Financial Assistance Division of the Oklahoma Water Resources Board (OWRB) is dedicated to assisting communities and rural districts in maintaining water and wastewater facilities. Since 1983, we have provided approximately 65% of all the financing for Oklahoma's water and wastewater infrastructure needs. To date, we have funded over \$6.84 billion in projects with our loan and grant programs which in turn led to savings of over \$1.93 billion for Oklahoma communities and rural districts.

The CWSRF Sponsorship Program has continued to remain a catalyst in encouraging districts and authorities to pursue creative engineering solutions using non-point source (NPS) projects. The Sponsorship Program incentivizes NPS projects through a reduction in interest cost. A traditional treatment works project, funded through the CWSRF program, can 'sponsor' a NPS project which addresses a water quality issue or initiative and is approved under the state's Nonpoint Source Management Program (NPSMP). With this pairing an interest rate discount can be recognized.

With the Infrastructure Investment and Jobs Act (IIJA) also known as Bipartisan Infrastructure Law (BIL), signed into law it included an appropriation to the EPA for more than \$50 Billion to strengthen the nations drinking water and wastewater systems. One of the goals of IIJA/BIL was to allocate grant funds in the form of loan forgiveness. In SFY 2023, OWRB provided more than \$9.6 million in loan forgiveness of which ten (10) communities were ranked as disadvantaged and collectively received over \$ 5 million in funds for planning and design and construction projects. We are pleased that we can play such a significant role in helping finance projects across all of Oklahoma. Given the excellent rapport that we share with so many communities and water users around our state, we are in a prime position to provide public education and outreach to encourage conservation, reuse, sustainability, planning, conservation pricing, consolidation, system cooperation, and so much more.

We strive to accomplish both sound financing and unparalleled environmental protection in all our loan and grant programs. The Financial Assistance Division is proud of our AAA ratings on all our bond issues as well as our use of innovative means to assist in meeting Oklahoma's water resources and infrastructure needs.

Work completed through the Oklahoma Comprehensive Water Plan process documented a tremendous need of over \$44 billion through the year 2060 for wastewater investments in Oklahoma. It will take the efforts of all of us in the industry to meet this great challenge.

We look forward to continuing our role in helping Oklahoma build its future.

Sincerely,

Joe Freeman, Chief
Financial Assistance Division

INTRODUCTION

The federal Clean Water Act (CWA) requires a report of the annual Clean Water State Revolving Fund (CWSRF) activities. The OWRB hereby submits the CWSRF Annual Report for the State Fiscal Year (SFY) 2023, July 1, 2022, through June 30, 2023.

This report describes sources and uses of funds, environmental performance of construction activities, the OWRB’s financial position, as well as the manner in which the OWRB met the SFY 2023 Intended Use Plan (IUP) goals and objectives.

The OWRB has agreed to submit this report to the Environmental Protection Agency (EPA) within 90 days following the end of the fiscal year. In addition, Oklahoma Statutes require an annual report be submitted to the Governor and Legislature within 120 days of the end of the state fiscal year. This report is intended to fulfill both requirements.

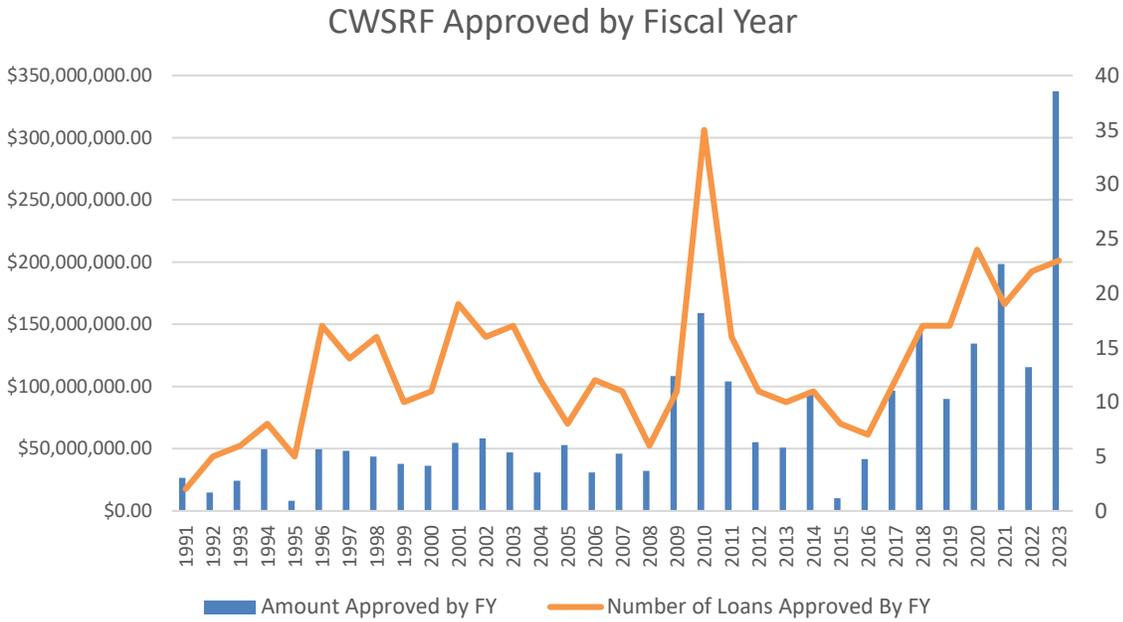
EXECUTIVE SUMMARY

Since 1990, the OWRB’s CWSRF Program has approved over \$6.84 billion in wastewater and water quality infrastructure projects throughout the state, historically providing over 65% of Oklahoma’s wastewater financing needs. Although enormous progress has been made in addressing Oklahoma’s wastewater infrastructure needs, much work is still required. Based on the 2012 Oklahoma Comprehensive Water Plan (OCWP), anticipated wastewater infrastructure needs through 2060 are more than \$44 billion (in 2010 dollars), Figure 1.



The CWSRF plays a crucial role in meeting this ever-growing need by providing financing approximately 40% below market interest rates with stand-alone AAA bond ratings. The AAA rating allows the OWRB to provide access to significantly lower interest rates than those obtained through local debt issuance. Utilizing the CWSRF Program has saved Oklahomans an estimated \$712.1 million in principal and interest.

In SFY 2023, Oklahoma’s CWSRF committed approximately \$340.7 million in loans for projects listed on the SFY 2023 Project Priority List (PPL). In total, systems approved by the OWRB for funding are expected to save more than an estimated \$144.7 million in principal and interest for the life of the loans.



PROJECT ACTIVITY

Capital financing through the CWSRF program enables Oklahoma’s wastewater systems to meet treatment standards for wastewater. These discharges into the State’s rivers and lakes are in accordance with the National Pollutant Discharge Elimination System (NPDES), administered by the Oklahoma Department of Environmental Quality (ODEQ). For SFY 2023, the OWRB conducted seventeen (17) environmental reviews and appropriate determinations were executed and distributed using the EPA-approved State Environmental Review Process (SERP) prior to providing assistance.

The SFY 2023 projects allowed borrowers to cost-effectively:

- Develop an engineering plan and design for infrastructure improvements;
- Rehabilitate aging treatment plants and collection lines;
- Address water loss;
- Expand capacity to meet anticipated population and economic growth opportunities throughout the projects’ design life;
- Attain compliance with State effluent discharge requirements to protect Oklahoma’s water resources; and
- Aim to improve the quality of priority rivers and lakes identified as threatened or impaired by reducing pollutant loading.

Twenty-three (23) binding commitments (Table 1) were made to Oklahoma entities totaling approximately \$340.7 million for the following activities during SFY 2023:

- Construction of new treatment and collection systems;
- Planning and design;
- Septic system decommission to sewer tie in;
- Nonpoint Source;
- Land acquisition;
- Dam rehab
- Stormwater infrastructure improvements;
- Rehabilitation of existing wastewater facilities and collection systems; and
- Water & energy efficiency projects.

In SFY 2023, Broken Bow PWA, Covington UA, Norman UA, Shawnee MA, Lawton WA, Broken Arrow MA, and Altus MA addressed the EPA’s Green Project Reserve (GPR) initiative via the incorporation of water and energy efficient devices.

Broken Bow PWA, Covington UA, Shawnee MA, Broken Arrow MA, Talala PWA, Tishomingo MA, Caddo PWA, Salina PWA, El Reno MA, Geronimo PWA, Stillwater UA, Pawhuska PWA, Marietta MA, Barnsdall PWA, Inola PWA, Central Oklahoma Master Conservancy District (COMCD) received additional subsidy in the form of “Loan Forgiveness” totaling \$9,670,510.

The following pages highlight the loans which were approved for CWSRF funding in SFY 2023. These pages consist of, the project description, binding commitment amount, assistance provided, additional subsidization, estimated savings and GPR amount.

Table 1: Projects Identified for Receiving CWSRF Assistance within SFY 2023

PART 1: SECTION 212 PUBLICLY OWNED TREATMENT WORKS

BORROWER	PROJECT NUMBER	ASSISTANCE PROVIDED REPORTABLE TO NIMS 2023	BINDING COMMIT. REPORTABLE TO ANNUAL REPORT 2023	BINDING COMMIT. DATE	TYPE	LOAN CLOSING DATE	% INTEREST RATE ON LOAN***	ESTIMATED SAVINGS	LOAN MATURE DATE
Stillwater Utilities Authority*	ORF-21-0025-CW	\$6,000,000.00	\$6,000,000.00	8/16/22	L/LF	1/10/23	2.93	\$1,868,150.00	3/15/54
Talala Public Works Authority**	ORF-22-0010-CW	\$88,679.25	\$88,679.25	8/16/22	LF	9/9/22	0.00	\$138,700.00	3/15/42
Broken Bow Public Works Authority**	ORF-23-0066-CW	\$141,950.00	\$141,950.00	8/16/22	L/LF	9/9/22	0.00	\$944,700.00	3/15/43
Caddo Public Works Authority**	ORF-23-0068-CW	\$615,380.00	\$615,380.00	8/16/22	LF	9/9/22	0.00	\$958,100.00	9/15/22
Shawnee Municipal Authority*	ORF-20-0018-CWB	\$65,483,300.00	\$65,483,300.00	8/16/22	E/L/LF	9/9/22	2.69	\$27,366,900.00	9/15/55
Tishomingo Municipal Authority**	ORF-23-0101-CW	\$1,000,000.00	\$1,000,000.00	8/16/22	LF	9/9/22	0.00	\$1,550,900.00	3/15/43
Geronimo Public Works Authority**	ORF-23-0122-CW	\$653,500.00	\$653,500.00	8/16/22	LF	9/9/22	0.00	\$997,500.00	3/15/43
Oklahoma City Water Utilities Trust*	ORF-21-0008-CW	\$103,513,000.00	\$103,513,000.00	9/20/22	L	9/27/22	2.92	\$0.00	3/15/55
Coweta Public Works Authority*	ORF-19-0002-CWA	\$4,600,000.00	\$4,600,000.00	9/20/22	L	9/23/22	2.92	\$1,529,300.00	9/15/44
Pawhuska Public Works Authority**	ORF-23-0080-CW	\$470,899.97	\$962,500.00	9/20/22	LF	9/29/22	0.00	\$746,100.00	2/15/24
Salina Public Works Authority*	ORF-23-0085-CW	\$2,242,000.00	\$2,242,000.00	9/20/22	L/LF	10/11/22	3.16	\$2,196,500.00	9/15/53
Broken Arrow Municipal Authority*	ORF-23-0167-CW	\$18,074,312.80	\$18,074,312.80	9/20/22	L/LF	9/23/22	2.92	\$4,423,400.00	3/15/55
Lawton Water Authority*	ORF-22-0008-CWA	\$67,651,910.15	\$67,651,910.15	10/18/22	L	11/7/22	3.29	\$35,659,300.00	3/15/54
Altus Municipal Authority*	ORF-23-0030-CW	\$18,176,880.00	\$18,176,880.00	12/8/22	L	12/12/22	2.95	\$9,189,900.00	9/15/54
Stillwater Utilities Authority*	ORF-21-0025-CW	\$4,500,000.00	\$4,500,000.00	12/8/22	INCR	1/10/23	2.93	\$1,868,150.00	3/15/54
Davis Municipal Authority*	ORF-22-0021-CW	\$17,250,000.00	\$17,250,000.00	4/18/23	L	5/10/23	2.82	\$7,844,700.00	3/15/55
Laverne Public Works Authority****	ORF-19-0018-CW	-\$10.00	N/A	4/16/19	L	5/7/19	2.33	N/A	9/15/49
Tulsa Metropolitan Utility Authority****	ORF-14-0002-CW	-\$24,347.00	N/A	2/18/14	L	3/13/14	2.58	N/A	9/15/35

Tulsa Metropolitan Utility Authority****	ORF-11-0003-CW	-\$266,742.00	N/A	4/12/11	L	4/15/11	3.11	N/A	9/15/33
Tulsa Metropolitan Utility Authority****	ORF-10-0001-CW	-\$139.00	N/A	4/13/10	L	4/15/10	2.89	N/A	9/15/32
PART 1 TOTAL		\$310,170,574.17	\$310,953,412.20					\$97,282,300.00	

PART 2: SECTION 603(c)(2) 319 NONPOINT SOURCE MANAGEMENT PROGRAMS

BORROWER	PROJECT	ASSISTANCE	B.C. AMOUNT	B.C. DATE	TYPE	CLOSING	% INTEREST***	EST. SAVINGS	LOAN MATURE
Barnsdall Public Works Authority**	ORF-22-0063-CW	\$275,372.78	\$275,372.78	9/20/22	LF	9/29/22	0.00	\$437,000.00	9/15/42
Oklahoma City Water Utilities Trust*	ORF-21-0008-CW	\$600,000.00	\$600,000.00	9/20/22	L	9/27/22	2.92	SEE ABOVE	3/15/55
Lawton Water Authority*	ORF-22-0008-CWA	\$2,900,000.00	\$2,900,000.00	10/10/78	L	2/3/32	0.00	SEE ABOVE	3/15/24
Central Oklahoma Master Conservancy District*****	ORF-23-0095-CW	\$755,000.00	\$755,000.00	4/18/23	LF	5/26/23	0.00	\$1,167,300.00	3/15/44
PART 2 TOTAL		\$4,530,372.78	\$4,530,372.78					\$1,604,300.00	

PART 3: SECTION 603(c)(5) MANAGE, TREAT, OR RECAPTURE STORMWATER OR SUBSURFACE DRAINAGE WATER

BORROWER	PROJECT	ASSISTANCE	B.C. AMOUNT	B.C. DATE	TYPE	CLOSING	% INTEREST***	EST. SAVINGS	LOAN MATURE
Marietta Municipal Authority**	ORF-22-0078-CW	\$690,000.00	\$690,000.00	8/16/22	LF	9/16/22	0.00	\$1,063,800.00	9/15/42
PART 3 TOTAL		\$690,000.00	\$690,000.00					\$1,063,800.00	

PART 4: SECTION 603(c)(6) REDUCTION OF DEMAND CAPACITY THROUGH WATER CONSERVATION, EFFICIENCY AND REUSE

BORROWER	PROJECT	ASSISTANCE	B.C. AMOUNT	B.C. DATE	TYPE	CLOSING	% INTEREST***	EST. SAVINGS	LOAN MATURE
Lawton Water Authority*	ORF-22-0008-CWA	\$2,348,089.85	\$2,348,089.85	10/18/22	L	11/7/22	3.29	SEE ABOVE	3/15/54
Norman Utilities Authority*	ORF-22-0062-CW	\$15,000,000.00	\$15,000,000.00	10/18/22	L	11/4/22	3.03	\$1,728,900.00	9/15/41
Broken Arrow Municipal Authority*	ORF-23-0167-CW	\$1,230,687.20	\$1,230,687.20	9/20/22	L/LF	9/23/22	2.92	SEE ABOVE	3/15/55
Shidler Public Works Authority****	ORF-19-0004-CW	-\$1,358.00	N/A	6/16/20	L	7/20/20	0.00	N/A	3/15/41
PART 4 TOTAL		\$18,577,419.05	\$18,578,777.05					\$1,728,900.00	

PART 5: SECTION 603(c)(7) DEVELOPMENT AND IMPLEMENTATION OF WATERSHED PROJECTS

BORROWER	PROJECT	ASSISTANCE	B.C. AMOUNT	B.C. DATE	TYPE	CLOSING	% INTEREST***	EST. SAVINGS	LOAN MATURE
Inola Public Works Authority**	ORF-23-0152-CW	\$171,000.00	\$171,000.00	9/20/22	LF	9/26/22	0.00	\$267,100.00	9/15/42
El Reno Municipal Authority**	ORF-23-0096-CW	\$440,000.00	\$440,000.00	8/16/22	LF	9/2/22	0.00	\$676,200.00	3/15/43
PART 5 TOTAL		\$611,000.00	\$611,000.00					\$943,300.00	

PART 6: SECTION 603(c)(8) REDUCTION THE ENERGY CONSUMPTION NEEDS FOR PUBLICLY OWNED TREATMENT WORKS

BORROWER	PROJECT	ASSISTANCE	B.C. AMOUNT	B.C. DATE	TYPE	CLOSING	% INTEREST***	EST. SAVINGS	LOAN MATURE
Covington Utilities Authority**	ORF-23-0147-CW	\$392,968.00	\$392,968.00	9/20/22	LF	9/27/22	0.00	\$625,700.00	9/15/42
Broken Bow Public Works Authority**	ORF-23-0066-CW	\$475,760.00	\$475,760.00	8/16/22	LF	9/9/22	0.00	SEE ABOVE	3/15/43
Shawnee Municipal Authority*	ORF-20-0018-CWB	\$151,700.00	\$151,700.00	8/16/22	LF	9/9/22	2.69	SEE ABOVE	9/15/55
Altus Municipal Authority*	ORF-23-0030-CW	\$4,323,120.00	\$4,323,120.00	12/8/22	L	12/12/22	2.95	SEE ABOVE	9/15/54
PART 6 TOTAL		\$5,343,548.00	\$5,343,548.00					\$625,700.00	

GRAND TOTAL (All Projects)		\$339,922,914.00	\$340,707,110.03					\$103,248,300.00	
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E=Equivalency; L = Direct Loans; R = Refinance; (Incr.) = Increase in Binding Commitment amount; (Dec.) = Decrease in Binding Commitment amount; LF= Loan Forgiveness

* Total estimated savings calculated includes interest saved on the Promissory Note amount using the CWSRF program vs self or private financing; rounded to the nearest thousand

** Total estimated savings calculated includes principal forgiveness plus interest saved on the Promissory Note amount

*** Interest Rate includes 0.5% administrative fee

**** Negative dollars is a De-Obligation

***** Emerging Contaminants

1, the sum of PARTS 1, 2 & 3

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Altus Municipal Authority
ORF-23-0030-CW

Binding Commitment			
Application Amount:	\$22,500,000.00	Approved Date:	December 8, 2022
Assistance Provided			
Loan Amount:	\$22,500,000.00	Funded Date:	December 12, 2022
GPR: EE	\$4,323,120.00	Additional Subsidization:	\$0.00
GPR: WE	\$2,250,000.00	Estimated Savings:	\$9,189,900.00

Altus Municipal Authority (Authority) located in Jackson County serves 8,540 sewer customers and 8,540 water customers. According to the 2020 U.S Census the population was 18,729.

The Authority operates two wastewater treatment facilities, the Southwest Lagoon and the Southeast Wastewater Plant. The current treatment process of the Southwest Lagoon is a secondary aerated nine-cell lagoon system with land application. The design average daily flow is 2.3 MGD, and the receiving waterbody is Bitter Creek. This location also has seasonal discharge excluding the months of June – October. The current treatment process at the Authority’s Southeast Wastewater plant system is an activated sludge treatment process with an average daily flow of 12 MGD, and the receiving waterbody is Bitter Creek.



The Authority operates a collection system that has seen an increase in inflow and infiltration issues related to deficiencies caused by aging and outdated infrastructure. For instance, there are several brick manholes within the system, which no longer comply with ODEQ regulations for new construction. The Authority will utilize the proceeds to replace a sanitary sewer loop to correct inflow and infiltration issues, to deliver treated grey water from the wastewater treatment plant to irrigate the municipal golf course and public spaces, for rehabilitation of their southeast wastewater treatment plant, relocation of sewer lines, and replacement of manholes. These improvements will help to prevent unwanted contaminants from entering Bitter Creek, reduce unintended flows to the wastewater treatment plant, reduce inflow and infiltration, and address Oklahoma’s Water for 2060 goals by focusing on water efficiency through grey water reuse.

Barnsdall Public Works Authority
ORF-22-0063-CW

Binding Commitment			
Application Amount:	\$275,372.78	Approved Date:	September 20, 2022
Assistance Provided			
Loan Amount:	\$275,372.78	Funded Date:	September 29, 2022
		Additional Subsidization:	\$275,372.78
		Estimated Savings:	\$437,000.00

The Barnsdall Public Works Authority (Authority) located in Osage County serves 545 sewer customers and 545 water customers. According to the 2020 U.S Census the population was 1,034.

The Authority is the owner of the Waxhoma Lake Dam, which is an earthen embankment with a maximum height of 50 feet and is 700 feet in length. Waxhoma Lake Dam is classified as a high hazard dam as defined in OAC 785:23-3-3(2)(c), which defines high hazard dams as those where failure will probably cause loss of human life. The dam is capable of impounding 2,900 acre-feet of water at the top of the dam, but has a normal storage pool of 2,000 acre-feet as recorded in the National Inventory of Dams. The impoundment is on an un-named tributary to Dog Thresher Creek, in the Bird Creek watershed. Neither the lake or the creeks are currently listed as impaired on the 303(d) list but have been previously for bacteria and turbidity.



The Authority is under a Consent Order from the OWRB for the Lake Waxhoma Dam due to a breach discovered on May 19, 2021 due to a flood event. The breach may cause continuing erosion of embankment materials and presents a danger to the remaining structural integrity of the dam. Improvements to the dam should help protect downstream waterbody segments for sediment loading, which is a high priority pollutant for Oklahoma's nonpoints source management program.

Broken Arrow Municipal Authority
ORF-23-0167-CW

Binding Commitment			
Application Amount:	\$19,305,000.00	Approved Date:	September 20, 2022
Assistance Provided			
Loan Amount:	\$19,305,000.00	Funded Date:	September 23, 2022
GPR: WE	\$1,230,687.20	Additional Subsidization:	\$500,000.00
		Estimated Savings:	\$4,423,400.00

Broken Arrow Municipal Authority (Authority) located in Tulsa County serves 45,416 sewer customers and 45,416 water customers. According to the 2020 U.S. Census the population was 113,540.

The Authority operates two wastewater treatment facilities, the Lynn Lane Wastewater Treatment Plant (WWTP) and the Haikey Creek WWTP. The current treatment process at the Lynn Lane WWTP is an activated sludge treatment process with average daily flow of 2.7 MGD. The current treatment process at the Haikey Creek Wastewater Treatment Plant is an oxidation ditch treatment process with average daily flow of 8 MGD. The receiving waterbody for both plants is the Arkansas River which is listed on the 303(d) list for Enterococcus, Lead, Turbidity, and Cadmium.



The Authority is experiencing issues within the system due to aging infrastructure throughout and population growth and expansion. Portions of the systems meter reading infrastructure is outdated, some lift stations and their subsequent force mains are nearing the end of their useful life and are undersized compared to the growth the Authority has experienced, several trunk sewers throughout the system are aging leading to increased inflow and infiltration issues, and the Lynn Lane WWTP belt filter press is aging and inefficient. The Authority will use proceeds to replace the older meters with fully remote meter reading systems, replace lift stations with larger capacity, rehabilitate trunk sewers where possible and replace trunk sewer where necessary, and replace the old belt filter press at the Lynn Lane WWTP to allow for more efficient dewatering of sludge.

**Broken Bow Public Works Authority
ORF-23-0066-CW**

Binding Commitment			
Application Amount:	\$617,710.00	Approved Date:	August 16, 2022
Assistance Provided			
Loan Amount:	\$617,710.00	Funded Date:	September 9, 2022
GPR: EE	\$475,760.00	Additional Subsidization:	\$617,710.00
		Estimated Savings:	\$944,700.00

The Broken Bow Public Works Authority (Authority) located in McCurtain County serves 1,459 sewer customers and 1,741 water customers. According to the 2020 U.S Census the population was 4,228.

The Authority owns and operates a wastewater treatment facility where the current treatment process is Extended Aeration. The present average daily flow is 0.397 MGD, and the receiving waterbody is Yanubbe Creek which is not listed on the 303(d) list for impairment. The Authority is not under any Consent Order or Notice of Violation from the DEQ.



The Authority's collection system includes 2 lift stations in need of rehabilitation in order to bring them into compliance with ODEQ regulations. Additionally, the sewer lines, consisting of clay, orangeburg, and iron pipe, are at the end of their useful life and experiencing high inflow and infiltration are in need of replacement. The Authority will utilize the proceeds for engineering the design of the lift stations and for a sewer system evaluation study (SSES) of the collection system.

Caddo Public Works Authority
ORF-23-0068-CW

Binding Commitment			
Application Amount:	\$615,380.00	Approved Date:	August 16, 2022
Assistance Provided			
Loan Amount:	\$615,380.00	Funded Date:	September 9, 2022
GPR:	\$615,380.00	Additional Subsidization:	\$615,380.00
		Estimated Savings:	\$958,100.00

The Caddo Public Works Authority (Authority) located in Bryan County serves 431 sewer customers and 468 water customers. According to the 2020 U.S. Census the population was 1,017.

The Authority owns and operates a wastewater treatment facility where the current treatment process is extended aeration. The average daily flow is 0.092 MGD and the receiving waterbody is Caddo Creek which is listed on the 303(d) list for Enterococcus. The Authority is under consent order from the DEQ for unpermitted discharges and other violations.



The Authority also has a wastewater collection system that experiences significant inflow and infiltration (I/I) and frequently illegally bypasses wastewater in violation of their NPDES permit. The Authority will utilize the proceeds for rehabilitation of existing manholes and sewer lines to include CCTV inspection and cleaning. These improvements will restore capacity and address I/I into the sewer collection system thereby reducing unintended flows to the wastewater treatment facility and preventing unpermitted discharges from wet weather.

Central Oklahoma Master Conservancy District
ORF-23-0095-CW

Binding Commitment			
Application Amount:	\$755,000.00	Approved Date:	April 18, 2023
Assistance Provided			
Loan Amount:	\$755,000.00	Funded Date:	May 26, 2023
		Additional Subsidization:	\$755,000.00
		Estimated Savings:	\$1,167,300.00

Central Oklahoma Master Conservancy District (District) located in Cleveland County serves 68,000 water customers as the regional providers of raw water for Lake Thunderbird for Norman, Del City and Midwest City. According to the 2020 U.S Census the population was 129,991 for Norman, 21,814 for Del City, and 58,406 for Del City, for a total population of 208,211.

The District contracted with the University of Oklahoma/Oklahoma Geological Survey in 2016 to conduct an emerging contaminant screening at Lake Thunderbird, discovering 40 different emerging contaminants including pesticides, Pharmaceuticals and Personal Care Products (PPCPs), Perfluorooctanesulfonic acid (PFOs) and hormones. Also, Lake Thunderbird is listed on the 303(d) list for Chlorophyll-a, Dissolved Oxygen, and Turbidity; however, the District is not under any Consent Orders or Notice of Violations from the DEQ.

In order to further address the emerging contaminants issues within Lake Thunderbird, the proposed project is to further evaluate the presence, sources, concentrations, and seasonality of emerging contaminants.



Covington Utilities Authority
ORF-23-0147-CW

Binding Commitment			
Application Amount:	\$392,968.00	Approved Date:	September 20, 2022
Assistance Provided			
Loan Amount:	\$392,968.00	Funded Date:	September 27, 2022
GPR: EE	\$392,968.00	Additional Subsidization:	\$392,968.00
		Estimated Savings:	\$625,700.00

The Covington Utilities Authority (Authority) located in Garfield County serves 350 sewer customers and 323 water customers. According to the 2020 U.S Census the population was 472.

The Authority owns and operates a lagoon wastewater treatment system. The average daily flow is 0.072 MGD, and the receiving waterbody is Covington Creek which is not listed on the 303(d) list for impairment. The Authority is not under any Consent Order or Notice of Violation from the DEQ.



The Authority also maintains a sewer collection system that is aged and deteriorated and in need of replacement in order to meet ODEQ regulations. Most of the sewer lines were clay and most of the manholes were brick. The conditions of the system result in increased inflow and infiltration thereby increasing the hydraulic loading on the lagoon system. The Authority will utilize the proceeds to replace approximately 1,470 linear feet (lf) of sanitary sewer main with 8-inch PVC pipe and to construct four new manholes. These improvements will address inflow and infiltration into the sewer collection system thereby reducing unintended flows to the wastewater treatment facility and preventing unpermitted discharges from wet weather.

**Coweta Public Works Authority
ORF-19-0002-CWA**

Binding Commitment			
Application Amount:	\$4,600,000.00	Approved Date:	September 20, 2022
Assistance Provided			
Loan Amount:	\$4,600,000.00	Funded Date:	September 23, 2022
		Additional Subsidization:	\$0.00
		Estimated Savings:	\$1,529,300.00

The Coweta Public Works Authority (Authority) located in Wagoner County serves 3,542 sewer customers and 3,243 water customers. According to the 2020 U.S Census the population was 9,654.

The Authority owns and operates a flow through lagoon wastewater treatment system equipped with mechanical aeration followed by a polishing pond and disinfection basin. The design average daily flow is 3.0 MGD, and the receiving waterbody is Arkansas River which is listed on the 303(d) list for Enterococcus.



The growth of the City is at a pace exceeding the state average for the next 20 years and the current treatment plant is not configured or equipped to provide adequate treatment for the flow associated with population growth. The project will include the construction of a new lift station, lagoon, lagoon partition walls to create two aeration basins, two aerobic sludge digesters, construction of one flow equalization basin, an activated sludge pump station, two secondary clarifiers, and sludge drying beds, in addition to modification of their existing disinfection basin. These improvements will allow adequate wastewater treatment for anticipated growth in the community and will help to maintain the water quality in the Arkansas River.

This assistance is an increase to the original loan (ORF-19-0002-CW) of \$11,373,000 due to substantial increase in construction costs.

Davis Municipal Authority
ORF-22-0021-CW

Binding Commitment			
Application Amount:	\$17,250,000.00	Approved Date:	April 18, 2023
Assistance Provided			
Loan Amount:	\$17,250,000.00	Funded Date:	May 10, 2023
		Estimated Savings:	\$7,844,700.00

Davis Municipal Authority (Authority) located in Murray County serves 1,188 sewer connections and 1,493 water connections. According to the 2020 U.S Census the population was 2,683.

The Authority's wastewater treatment plant was originally comprised of lagoon treatment systems, but these have since been abandoned with the installation of the mechanical WWTP in 1991. The Davis WWTP is currently located across two sections, being spaced approximately ¼ mile apart, the two respective sites are referred to as the North Plant and the South Plant.



The Authority's current activated sludge treatment process is reaching the end of its useful life and fails to meet ODEQ design flow requirements. The existing WWTP has a 34 MGD capacity which utilizes bar screens, grit chambers, two (2) aeration basins, a final clarifier, land application, a total retention lagoon, sludge drying beds, and UV disinfection. The design average daily flow is 0.38 MGD, and the receiving waterbody is an Unnamed Tributary of Dry Sandy Creek which is not listed on the 303(d) list for impairment.

The Authority's existing headworks has one bar screen and one vortex grit chamber, but operations staff describe instances of solids breakthrough that are attributed to poor headworks and clarifier operations. Ragging and clogging of the bar screen is a common occurrence that must be dealt with by hand, and the grit removal system has been out of service for at least five years.

The Authority is not currently under any Consent Order for violations of improper operations and maintenance (O&M), nor have any active Notice of Violations been issued. However, several concerns have been raised by the Authority's operations staff, largely concerning the lack of redundancy and automation of various treatment plant processes. Operating without proper site lighting and control panels exposed to the elements causes further safety concerns during periods of shutdown or repair during inclement weather.

The CWSRF funds will be utilized to upgrade the existing WWTP and aeration basins with a new package plant to include an activated sludge, clarification, and digestion process (ASCD), which is divided into two parallel trains accomplished by abandoning and relocating the existing aeration basins to the North Plant site with a new headworks facility, aeromod treatment system, rehabilitation of the UV disinfection system, mechanical dewatering facility, an operations building and SCADA upgrades.

El Reno Municipal Authority
ORF-23-0096-CW

Binding Commitment			
Application Amount:	\$440,000.00	Approved Date:	August 16, 2022
Assistance Provided			
Loan Amount:	\$440,000.00	Funded Date:	September 2, 2022
		Additional Subsidization:	\$440,000.00
		Estimated Savings:	\$676,200.00

El Reno Municipal Authority (Authority) located in Canadian County serves 5,624 sewer customers and 6,254 water customers. According to the 2020 U.S Census the population was 16,989.

The city of El Reno is within the Central North Canadian watershed and is one of the largest towns in the watershed, along with Yukon, and have experienced significant growth over the last decade. Water samples at various locations along the North Canadian River have repeatedly exceeded Oklahoma water quality standards for Enterococcus as well as turbidity. As a result, this segment of the North Canadian River is on the 2004 303(d) list as impaired for pathogens and turbidity. Other 303(d) list waterbodies within the watershed include Lake Overholser and El Reno Lake, which are impaired by turbidity, and Shell Creek, which is impaired for pathogens and low dissolved oxygen. In addition, the Lake Overholser watershed up to the Canton Dam was designated a nutrient-limited watershed in 2006 due to TSI values exceeding 62 in the lake.



The Authority needs a comprehensive analysis of local drainage systems and open channels for existing and future land use conditions to identify flood risk and for development of Drainage Capital Improvements Projects (CIP) to mitigate future stormwater events. The proposed project is to perform hydrologic and hydraulic analysis of identified unstudied open channel streams within the city limits and the extra territorial jurisdiction, and all appurtenances required to complete the project. While El Reno is not currently a regulated MS4 stormwater discharger, improvements to the local stormwater infrastructure can help control urban runoff pollution.

Geronimo Public Works Authority
ORF-23-0122-CW

Binding Commitment			
Application Amount:	\$653,500.00	Approved Date:	August 16, 2022
Assistance Provided			
Loan Amount:	\$653,500.00	Funded Date:	September 9, 2022
GPR: EE	\$626,056.65	Additional Subsidization:	\$653,500.00
		Estimated Savings:	\$997,500.00

The Geronimo Public Works Authority (Authority) located in Comanche County serves 510 sewer customers and 520 water customers. According to the 2020 U.S Census the population was 1,158.

The Authority’s current treatment process is a total retention lagoon with effluent discharge during high flows. The design average daily flow is 0.30 MGD and the receiving waterbody is Lawtonka Lake which is listed on the 303(d) list for Chlorophyll-a. The Authority is not under any Consent Order or Notice of Violation from the DEQ.



The Authority owns a sanitary sewage collection system which serves the entire City of Geronimo and was constructed utilizing vitrified clay and PVC pipe circa 1960 to 1970. Portions of the collection system, west of Chippewa Street, were replaced in 1997 and 2003, where smoke study data from the latter was utilized to determine the deteriorating condition of the existing pipes. The test identified sections experiencing inflow and infiltration issues. The proposed project is to replace the existing sewer mains with 2,246 LF of PVC pipe, remove and replace three existing manholes with pre-cast concrete manholes, add new manholes at the end of five existing lines and all other appurtenances required to complete the project.

The CWSRF proceeds will be utilized to address inflow and infiltration into the sewer collection system thereby reducing unintended flows to the wastewater treatment facility and preventing unpermitted discharges from wet weather.

Inola Public Works Authority
ORF-23-0152-CW

Binding Commitment			
Application Amount:	\$171,000.00	Approved Date:	September 20, 2022
Assistance Provided			
Loan Amount:	\$171,000.00	Funded Date:	September 26, 2022
		Additional Subsidization:	\$171,000.00
		Estimated Savings:	\$267,100.00

The Inola Public Works Authority (Authority) located in Rogers County serves 657 sewer customers and 666 water customers. According to the 2020 U.S Census the population was 1,890.

The town of Inola is in the Verdigris River watershed. The Verdigris River is currently listed on the 303(d) impaired waterbodies list for Enterococcus.

The Authority has inadequacies in their stormwater collection system causing concerns of flooding during large rainfall events. While Inola is not currently a regulated MS4 stormwater discharger, improvements to the local stormwater infrastructure can help control runoff of contaminants such as bacteria into local watersheds. The proposed project is to conduct a system-wide study, to test, make recommendations for improvements, and engineer (design and draw) plans to make corrections to the system as determined based on the results of the conducted study, plus all other expenses required to complete the analysis of the project.



Lawton Water Authority
ORF-22-0008-CWA

Binding Commitment			
Application Amount:	\$70,000,000.00	Approved Date:	October 18, 2022
Assistance Provided			
Loan Amount:	\$72,900,000.00	Funded Date:	November 7, 2022
GPR: WE	\$2,348,089.85	Additional Subsidization:	\$0.00
Sponsorship:	\$2,900,000.00	Estimated Savings:	\$35,659,300.00

The Lawton Water Authority (Authority) located in Comanche County serves 29,583 sewer customers and 29,882 water customers. According to the 2020 U.S. Census the population was 90,381.

The Authority owns and operates a Wastewater Treatment Plant (WWTP) where the current treatment process is a liquid train process with trickling filters, nitrification basins, return activated sludge (RAS) pump station and UV disinfection. The design average daily flow is 18 MGD and the receiving waterbody is Nine Mile Creek to East Cache Creek. Authority is not under any Consent Order or Notice of Violation from the DEQ.

The existing plant operates a number of facilities which had their initial elements commissioned in the early 1970's. Since that time, the plant has experienced several rounds of rehabilitation and upgrades. The facility has been mostly compliant over the facility's history, but a significant percentage of the operating facilities are nearing the end of their useful life and struggling to meet treatment goals.

The Authority was approved for a CWSRF loan on May 18, 2021 to rehabilitate or replace failing components of the WWTP. Over the course of time, costs of the project have increased and the Authority is in need of additional funding. The Authority also needs to replace approximately 10,000 of their existing 32,000 AMR water meters which have reached their useful life and needs to replace the AMR radio servers on the existing water towers.

The CWSRF proceeds will be utilized as the additional funding required to complete the WWTP, the AMR water meters, and the AMR radio servers plus all appurtenances required to complete the project.

The Authority will also utilize the CWSRF sponsorship program to address nonpoint source pollution caused by flooding and other stormwater runoff issues within in the Numu Creek drainage channel. The project will enhance the channel's capacity for stormwater, mitigating flood risk to homes, businesses, and infrastructure within the channels's flood plain. Channel enhancements will incorporate Green Infrastructure to not only increase capacity but also improve the water quality of runoff through natural filtration processes within vegetated swales and bio retention basins, as well as restore natural ecosystem within the channel, enhancing biodiversity and increasing the quality of life of the surrounding area. This non-point source pollution mitigation project is part of a pilot program for OWRB's CWSRF program designated as the Sponsorship Program. The program is designed to address a water quality issue or initiative which must be approved under the state's Nonpoint Source Management Plan (NPSMP). The Sponsorship model allows for a reduced interest rate when an applicant 'sponsors' a nonpoint source project by pairing with a traditional or non-traditional Clean Water State Revolving Fund (CWSRF) loan project.



Marietta Municipal Authority
ORF-22-0078-CW

Binding Commitment			
Application Amount:	\$690,000.00	Approved Date:	August 16, 2022
Assistance Provided			
Loan Amount:	\$690,000.00	Funded Date:	September 16, 2022
		Additional Subsidization:	\$690,000.00
		Estimated Savings:	\$1,063,800.00

Marietta Municipal Authority (Authority) located in Love County serves 1,239 sewer customers and 1,239 water customers. According to the 2020 U.S Census the population was 2,719.

The town of Marietta is in the Red River watershed. The Red River is listed on the 303(d) impaired waterbodies list for Enterococcus, Lead and Turbidity.

Approximately half the Authority’s stormwater drainage flowing through the developed downtown area flows through a reinforced concrete box under the Main Street/State Highway 32 and north through a pipe installed under the railroad. The reinforced concrete box in place under East Main Street and the metal pipe under the railroad are at the same elevation, which impedes drainage. This causes backup of approximately 6” into the downtown area during rain events, causing substantial flooding. These loan proceeds will be used to remove the existing box and construct a new, larger box to be installed at an elevation to properly convey the stormwater flow. While Marietta is not currently a regulated MS4 stormwater discharger, improvements to the local stormwater infrastructure can help control runoff of contaminants such as bacteria and sediment into the local watershed.



Norman Utilities Authority
ORF-22-0062-CW

Binding Commitment			
Application Amount:	\$15,000,000.00	Approved Date:	October 18, 2022
Assistance Provided			
Loan Amount:	\$15,000,000.00	Funded Date:	November 4, 2022
GPR: WE	\$15,000,000.00	Additional Subsidization:	\$0.00
		Estimated Savings:	\$1,728,900.00

Norman Utilities Authority (Authority) located in Cleveland County serves 40,788 sewer customers and 41,278 water customers. According to the 2020 U.S Census the population was 128,026.

The Authority owns and operates a wastewater treatment plant (WWTP) where the current treatment process is an Activated Sludge processing system which consists of bar screens, grit chambers, stormwater holding pond, primary and final clarifiers, aeration tanks, land application, sludge thickeners, anaerobic digesters, mechanical dewatering units, and ultraviolet disinfection. The average daily flow is 7.4 MGD, and the receiving waterbody is Canadian River which is listed on the 303(d) list for Enterococcus and Total Dissolved Solids. The Authority is not under any Consent Order or Notice of Violation from the DEQ.



The Authority owns over 40,000 water meters. Most of these meters are read manually and a large portion are nearing or past the expected life span. In an audit conducted of the Authority’s system, it was found that there were apparent losses of 62.4 acre-feet and real losses of 2,985.4 acre-feet for a combined net loss of 3047.8 acre-feet, or 19.6%. The Authority will utilize the proceeds to replace approximately 40,000 water meters and the electronics required to automatically transmit meter readings to the Authority across its service area. This project is expected to save 1981.3 acre-feet or 15% through improving distribution and customer leak detection and management, customer water conservation and management, improved metering accuracy, and theft detection and aversion. This project helps to meet Oklahoma’s Water for 2060 goals by focusing on water conservation through a reduction of unintended flows to the wastewater treatment plant.

Oklahoma City Water Utilities Trust
ORF-21-0008-CW

Binding Commitment			
Application Amount:	\$104,113,000.00	Approved Date:	September 20, 2022
Assistance Provided			
Loan Amount:	\$104,113,000.00	Funded Date:	September 27, 2022
		Additional Subsidization:	\$0.00
Sponsorship:	\$600,000.00	Estimated Savings:	\$0.00

Oklahoma City Water Utilities Trust (Trust) located in Oklahoma County serves 211,992 sewer customers and 224,250 water customers. According to the 2020 U.S Census the population was 681,054.

The Trust owns and operates four wastewater treatment plants within the City, with capacities of 80MGD at North Canadian WWTP, 15MGD at Deer Creek WWTP, 10MGD at Chisolm Creek WWTP and 6MGD at South Canadian WWTP. All the plants include an advanced treatment process with bar screens, grit removal, primary/secondary clarifiers, aeration and chlorination/ dechlorination. Some facilities include ultraviolet disinfection, and sequencing batch reactor. This loan will primarily fund enhancements to North Canadian WWTP. The average daily flow for North Canadian WWTP is 59.7 MGD and the receiving waterbody is North Canadian River, which is listed on the 303(d) list for Enterococcus and pH. The Trust is not under any Consent Order or Notice of Violation from the DEQ.



The Trust will utilize the proceeds for various improvement projects proposed for this fiscal year. The North Canadian Wastewater Treatment Plant (WWTP) is the largest WWTP for Oklahoma City and has several structures that have reached the end of their useful life and require upgrades and improvements including, but not limited to, influence conveyance replacement, primary and secondary clarifiers rehabilitation, adding an upgraded electrical and fiber optic loop throughout the plant. The Trust also has several other projects on their project list that will be funded with this loan:

- Chisholm Creek WWTP electrical improvements
- Wastewater lift station No. 36 improvements
- WWTP biosolids and odor control management
- North Canadian WWTP disinfection and dechlorination improvements
- Overholser Dam structural stability improvements Phase I

The Trust will also be decommissioning approximately 20 septic systems located in the Lake Overholser watershed and connecting those residences to the public wastewater system as part of a nonpoint source pollution mitigation effort. Lake Overholser is listed on the 303(d) list for turbidity and sulfates and streams within the watershed are listed for dissolved oxygen. These listings are likely related to excess nutrients in the watershed. Failing septic systems are generally a source of nutrients in watersheds. Connection to the publicly owned treatment works will prevent further degradation of the waterbodies in the area caused by failing septic systems. The non-point source project is part of a pilot program for OWRB's CWSRF program designated as the Sponsorship Program. The program is designed to address a water quality issue or initiative which must be approved under the state's Nonpoint Source Management Plan (NPSMP). The Sponsorship model allows for a reduced interest rate when an applicant 'sponsors' a nonpoint source project by pairing with a traditional or non-traditional Clean Water State Revolving Fund (CWSRF) loan project.

Pawhuska Public Works Authority
ORF-23-0080-CW

Binding Commitment			
Application Amount:	\$470,899.97	Approved Date:	September 20, 2022
Assistance Provided			
Loan Amount:	\$470,899.97	Funded Date:	September 29, 2022
		Additional Subsidization:	\$470,899.97
		Estimated Savings:	\$746,100.00

Pawhuska Public Works Authority (Authority) located in Osage County serves 3,000 sewer customers and 3,800 water customers. According to the 2020 U.S Census the population was 2,984.

The Authority currently owns and operates a wastewater treatment lagoon where the current treatment process is Aerated Lagoons. The average daily flow is 0.38 MGD and the receiving waterbody is Bird Creek which is listed on the 303(d) list for Enterococcus and Turbidity. The Authority is not under any Consent Order or Notice of Violation from the DEQ.



The Authority also maintains a collection system where the main lift station at 15th street was nearing the end of its useful life and experiencing pump and maintenance issues, especially during wet weather flows. The Authority will utilize the CWSRF proceeds to rehabilitate the main lift station by replacing pumps, pipe, controls, and adding a backup power supply. These improvements will address inflow and infiltration into the sewer collection system thereby reducing unintended flows to the wastewater treatment facility and preventing unpermitted discharges from wet weather.

Salina Public Works Authority
ORF-23-0085-CW

Binding Commitment			
Application Amount:	\$2,242,000.00	Approved Date:	September 20, 2022
Assistance Provided			
Loan Amount:	\$2,242,000.00	Funded Date:	October 11, 2022
		Additional Subsidization:	\$1,000,000.00
		Estimated Savings:	\$2,196,500.00

The Salina Public Works Authority (Authority) located in Mayes County serves 520 sewer customers and 821 water customers. According to the 2020 U.S. Census the population was 1,085.

The Authority currently owns and operates a wastewater treatment plant with secondary treatment through a mechanical dewatering process with aeration tanks, aerobic digesters and ultraviolet disinfection. The design average daily flow is 0.14 MGD, and the receiving waterbody is Lake Hudson which is listed on the 303(d) list for Dissolved Oxygen. The Authority is not under any Consent Order or Notice of Violation from the DEQ.



The Salina Public Works Authority has experienced several issues with its wastewater system due to heavy rain fall, debris hitting the sewer line and sludge freezing in the winter. The Authority will utilize the proceeds to install sludge drying beds at the mechanical Wastewater Treatment Plant (WWTP), expand the Colvard pump station to 800 gallon per minute (gpm), rehabilitate the Ball Field pump station by adding two 120 gpm 5 horsepower pumps, new rails, control panel, a stand by generator, fence and security camera, replace approximately 5,300 linear feet of existing 6-inch force main with 10-inch force main from the Colvard pump station to the WWTP, and replace existing aerial creek crossing with three new concrete piers, 8-inch pipe, and one new manhole. This project will eliminate the surcharges at the Colvard and Ball Field pump stations, remove health and environmental risks from discharges at the failed aerial creek crossing, remove the force main from the Grand River Dam Authority (GRDA) levee, and be more efficient in the operation costs of the system.

Shawnee Municipal Authority
ORF-20-0018-CWB

Binding Commitment			
Application Amount:	\$65,635,000.00	Approved Date:	August 16, 2022
Assistance Provided			
Loan Amount:	\$65,635,000.00	Funded Date:	August 31, 2022
GPR: EE	\$151,700.00	Additional Subsidization:	\$1,000,000.00
		Estimated Savings:	\$27,366,900.00

Shawnee Municipal Authority (Authority) located in Pottawatomie County serves 11,000 sewer customers and 11,800 water customers. According to the 2020 U.S. Census the population was 31,377.

The Authority currently owns and operates (2) WWTPs, North and South, that utilize a mechanical dewatering process with bar screens, grit chambers, flow equalization, aerobic and anaerobic digesters, land application, and chlorination/ dechlorination. The North and South WWTP's both have a design average daily flow of 3.0 MGD and the receiving waterbody is the North Canadian River. The segment of the river in which the South WWTP discharges to is listed on the 303(d) list for Enterococcus, Total Dissolved Solids, and Turbidity. The segment of the river in which the North WWTP discharges to is listed for Cadmium, Total Chromium, Copper, Fish Bioassessments, Lead, and Total Dissolved Solids.



Due to age and condition of existing processes at the South WWTP, the Authority has been in violation of discharge permit limits. To correct the issues, the Authority was approved for a loan on September 19, 2019 for \$37,920,000 for upgrades and modifications to the existing headworks, secondary treatment processes, and sludge handling of the North WWTP and to decommission and reroute flow from the South WWTP to the North WWTP. After the loan closed the Authority decided to change the scope of the project and hire a new engineer. The new estimate required an additional \$12,000,000 in loan funds. Therefore, they requested a second loan for the project which was approved on December 15, 2020. In combination with the original loan, the funds is being used to construct a Southside lift station and a new SBR treatment plant at the Northside facility. As a result of this project, the south side discharge location will be removed, and treatment of the effluent will be discharged into the North Canadian River from the north location. Over the course of time, as costs of construction have increased, they returned to the Board for approval of an additional \$65,635,000 to enable them to complete the WWTP project.

Stillwater Utilities Authority
ORF-21-0025-CW

Binding Commitment			
Application Amount:	\$6,000,000.00	Approved Date:	August 16, 2022
Application Amount:	\$4,500,000.00	Approved Date:	December 8, 2022
Assistance Provided			
Loan Amount:	\$10,500,000.00	Funded Date:	January 10, 2023
		Additional Subsidization:	\$1,000,000.00
		Estimated Savings:	\$3,736,300.00

Stillwater Utilities Authority (Authority) located in Payne County serves 16,979 sewer customers and 20,604 water customers. According to the 2020 U.S. Census the population was 48,394.

The Authority owns and operates a trickling filter and advanced treatment wastewater treatment plant (WWTP). The design average daily flow is 10.0 MGD and the receiving waterbody is West Brush Creek. This facility is currently meeting all permit limits and the receiving water body is not listed on the 303(d) list for impairments.



The Authority’s existing collection system is comprised of 19 lift stations and 1,255,687 linear feet of 6 to 48 in. sewer line composed predominantly of vitrified clay and PVC pipe, with stretches of aging, poor condition, reinforced concrete pipe including a sewer aerial crossing with washed out support piers.

The Authority will utilize the proceeds to install approximately 7,500 feet of 48-inch sanitary sewer line, 730 feet of 42-inch sewer line, 943 feet of 10-inch sewer line, replacement of a 30-inch diameter sewer aerial crossing, replacement of an aging lift station, and for an 18-inch drain line at the wastewater treatment plant.

Talala Public Works Authority
ORF-22-0010-CW

Binding Commitment			
Application Amount:	\$88,679.25	Approved Date:	August 16, 2022
Assistance Provided			
Loan Amount:	\$88,679.25	Funded Date:	September 9, 2022
		Additional Subsidization:	\$88,679.25
		Estimated Savings:	\$138,700.00

Talala Public Works Authority (Authority) located in Rogers County serves 273 sewer customers and 131 sewer connections. According to the 2020 U.S Census the population was 258.

The Authority owns and operates a wastewater treatment facility that consists of a lagoon system utilizing two primary treatment lagoons and one storage lagoon with 13.3 acres available for land application from the spray irrigation system. The design average daily flow is 0.02 MGD, and the receiving waterbody is Oolagah Lake which is listed on the 303(d) list for Dissolved Oxygen and Turbidity. The Authority is not under any Consent Order or Notice of Violation from the DEQ.



The current wastewater treatment capacity is sufficient for the current population but not for any reasonable growth. The Authority will utilize the proceeds to purchase 20 acres of land adjacent to the existing irrigation site to be used for land application from its lagoon treatment system. This purchase will allow the Authority's sanitary sewer system effluent to be treated and discharged more effectively for future population.

Tishomingo Municipal Authority
ORF-23-0101-CW

Binding Commitment			
Application Amount:	\$1,000,000.00	Approved Date:	August 16, 2022
Assistance Provided			
Loan Amount:	\$1,000,000.00	Funded Date:	September 9, 2022
		Additional Subsidization:	\$1,000,000.00
		Estimated Savings:	\$1,550,900.00

Tishomingo Municipal Authority (Authority) located in Johnston County serves 1,016 sewer customers and 1,245 water customers. According to the 2020 U.S Census the population was 3,101.

The Authority owns and operates a wastewater treatment plant where the current treatment process is a biological/mechanical process that utilizes a sequential batch reactor (SBR) system and the average daily flow is 0.321 MGD. The effluent is treated through chlorination/de-chlorination before discharge into Pennington Creek, which is listed on the 303(d) list for Macroinvertebrate Bio. The Authority is not under any Consent Orders or Notice of Violations from the DEQ.



The Authority maintains a sewer collection system that is beyond its expected life expectancy and is in need of replacement. The system is composed of mostly brick manholes and clay pipe which caused extraneous flows from wet weather events. The Authority conducted a Sanitary Sewer Evaluation Survey (SSES) in 2021 which identified approximately 4,300 linear feet of lines and 436 manholes in need of rehabilitation. The CWSRF funds will be utilized to rehabilitate existing manholes and sewer lines via pipeburst/Cured-In-Place-Pipe (CIPP) of the existing vitrified clay piping to reduce unintended flows and prevent unpermitted discharges from wet weather.

PROGRAMMATIC HEADLINES

OVERARCHING APPROPRIATION AND PROGRAMMATIC REQUIREMENTS

Oklahoma's Federal Fiscal Year (FFY) 2022 Capitalization Grants were awarded in September 2023, and included FFY 2022 Appropriations conditions. With the acceptance of the awards, OWRB agreed to comply with all requirements pertaining to the Consolidated Appropriations Act, 2022 and the Infrastructure Investment and Jobs Act (IIJA) as listed in the Grant Agreements.

On November 15, 2021, President Joe Biden signed Infrastructure Investment and Jobs Act (IIJA) also known as Bipartisan Infrastructure Law (BIL), into law. The BIL included an appropriation to the EPA for more than \$50 Billion to strengthen the nations drinking water and wastewater systems. A significant portion flowed through the Clean Water and Drinking Water State Revolving Funds to address water challenges facing communities. There were two new grants issued under the BIL for the Clean Water SRF, the Emerging Contaminants and General Supplemental. These additional grants provide funding for 5 years to the SRFs.

The goals from BIL for SFY 2023 were:

- Define affordability criteria as it relates to the CWA;
- Build America Buy America (BABA) which extended AIS;
- Allowed for states to use up to 2% of their base grant for technical assistance;
- Expanded the Clean Watershed Needs Survey;
- Allocated more loan forgiveness to the SRFs from the BIL grants; and
- Fund projects targeting emerging contaminants.

This Annual Report documents the OWRB's compliance and implementation with the Appropriations Act, Clean Water Act, and BIL as well as highlights projects which were approved between July 1, 2022, and June 30, 2023.

THE BIPARTISAN INFRASTRUCTURE LAW
A Historic Investment in Water for Oklahoma

The Bipartisan Infrastructure Law (BIL) will provide more than \$506 million to Oklahoma from the U.S. EPA for water and wastewater infrastructure investment over a 5 year period beginning SFY2023

APPRX \$97 MILLION FOR CLEAN WATER

\$89.9 million through the Clean Water State Revolving Fund (CWSRF) for wastewater, storm water, and nonpoint source infrastructure projects

CWSRF OKLAHOMA

\$7.6 million through the CWSRF for emerging contaminants

With BIL funding, Oklahoma's public systems will have a significant opportunity to strengthen & rebuild our State's water & wastewater infrastructure

OKLAHOMA Water Resources Board

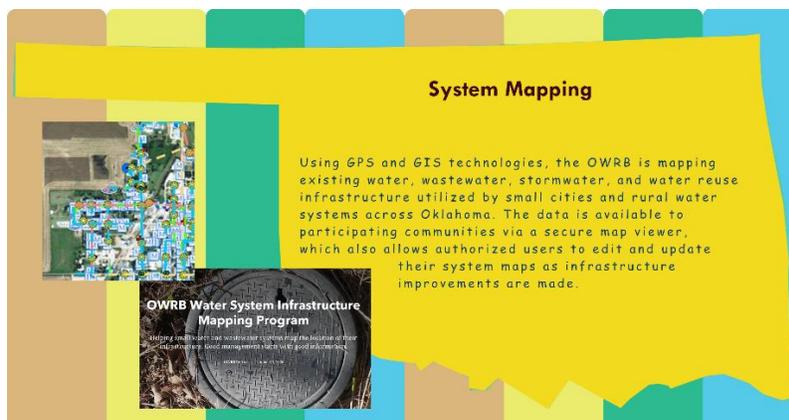
This funding provides a historic investment to replace water & wastewater facilities, and ensure that Oklahoma's systems are resilient for the future

DEVELOPING SYSTEM SUSTAINABILITY AND RESILIENCY

To better serve our communities, OWRB entered into a contract with ORWA that will provide long range planning and sustainability training and assistance to communities all around the State of Oklahoma. In SFY 2023, OWRA assisted 82 communities during different stages of developing a holistic sustainability plan which includes all FSP requirements. The items addressed include, but are not limited to:

- Development and implementation of financial management policies;
- Assist with implementation of separation of financial duties;
- Implement a capital improvement plan;
- Implement an asset management plan;
- Obtain proper and sufficient insurance and bonding;
- Completion of rate studies and implementation of evidence-based rates;
- Coordinating with ODEQ on water system audits and leak detection;
- Sanitary sewer evaluation surveys and smoke testing; and
- Mapping water and sewer infrastructure.

In SFY 2023, three systems successfully completed and implemented a fiscal sustainability plan as part of a complete Long Range Sustainability Plan. To date, this contract has allowed OWRA to assist more than 83 communities with sustainability planning.



FISCAL SUSTAINABILITY PLAN (FSP) - §603(D)(1)(E)

The CWA states that an FSP will be developed and implemented for proposed “repair, replacement, or expansion” of existing treatment works. The FSP includes, at a minimum:

- Inventory of critical assets (Section 4 of the Planning Guide, Asset Management: Inventory Development, System Operation and Maintenance);
- An evaluation of the condition and performance of those assets (Sections 4 and 5 of the Planning Guide, Wastewater System Administration);
- Documentation that the system has evaluated and will be implementing water and energy conservation efforts; and
- A plan to maintain, repair and replace the treatment works components over time and a plan to fund these activities (Section 8 of the Planning Guide).

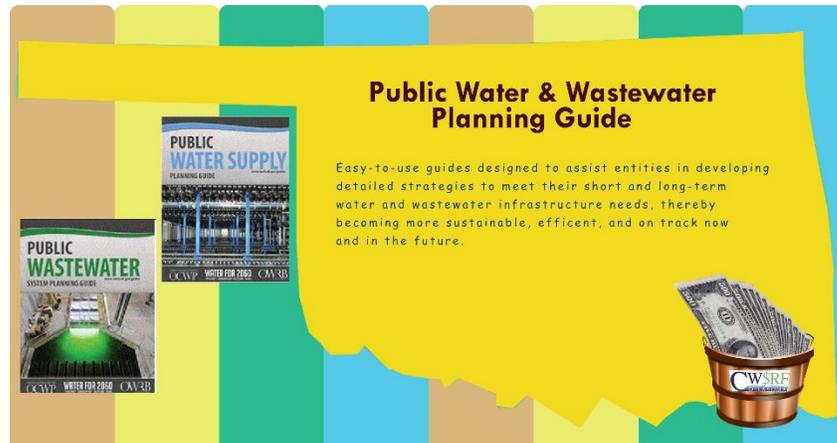
It is not the intention that all projects heretofore require an FSP. As explained in EPA’s WRRDA Interpretative Guidance Memorandum of January 6, 2015 (footnote 5, page 12):

“FSPs are not required for new treatment works (unless they are physically replacing an existing treatment works or expanding the treatment capacity of an existing system) or for projects involving an upgrade that does not involve repair/replacement or expand the treatment capacity (e.g., adding advanced treatment).”

Assistance recipients that meet this criteria must certify as part of their loan agreement that they either:

- Have a plan that fulfills the requirements of the FSP; or
- Will develop an FSP as part of the CWSRF project.

See Table 3 for compliance with this requirement.



EXPANDED ELIGIBILITIES §603(c)

With the passage of WRRDA, projects eligible for consideration for funding expanded and were promoted during marketing sessions conducted by OWRB staff.

Oklahoma’s CWSRF Program eligibilities include the following types of projects:

- Construction of publicly owned treatment works (POTW); as defined by FWPCA Section 212 (2)(A)(B), which now includes land necessary for construction;
- Implementation of a nonpoint source (NPS) management program;
- Development and implementation of a conservation and management plan under CWA Section 320;
- Construction, repair or replacement of decentralized wastewater systems that treat municipal wastewater;
- Measures to manage, reduce, treat, or recapture stormwater or subsurface drainage water;
- Measures to reduce the demand of POTW capacity through water conservation, efficiency or reuse;
- Development and implementation of watershed projects consistent with Section 122 of the CWA. Eligible projects include watershed management of wet weather discharges, stormwater best management practices (BMPs), watershed partnerships, integrated water resource planning, municipality-wide stormwater management planning or increased resilience of treatment works;
- Reusing or recycling wastewater, stormwater, or subsurface drainage water. Eligible items also include the purchase and installation of treatment equipment sufficient to meet reuse standards;
- Measures to reduce the energy consumption needs for POTW; and
- Measures to increase the security of publicly owned treatment works.

INTEREST RATES AND FINANCING TERM §603 (D)(1)(A)&(B)

The interest rate on each loan reflects the current rate of approximately 60% of Municipal Market Daily (mmd) AAA scale spot rates through maturity plus 40 to 76 basis points depending on the duration of the loan. The interest rate is calculated approximately 10 days prior to loan closing.

CWSRF loans have a maximum term of 30 years, or the anticipated weighted average life expectancy of the project components being financed, whichever is less. The worksheet that the OWRB uses to determine the Weighted Average Useful Life of the project components can be found online at <https://oklahoma.gov/owrb/financing/forms-and-guidance.html>.

SPONSORSHIP PROGRAM

In Fiscal Year 2021, OWRB began a pilot program to incentivize nonpoint source pollution mitigation projects through an interest rate reduction in the amount equal to the nonpoint source project.

For SFY 2023, OWRB funded two loans totaling \$177,013,000 with \$3,500,000 provided in interest rate reduction forgiveness through the Sponsorship Program.



AFFORDABILITY CRITERIA

The CWA requires that states develop affordability criteria that assist with the identification of applicants that would have difficulty financing projects. The affordability criteria must include information regarding employment, income, population trends and may include other information as dictated by the state. For the CWSRF, OWRB calculates an entity's adjusted per capita income by the use of criteria for comparison to the nation's adjusted per capita income with same data. A tier system approach was developed to determine the severity of need in regard to affordability. This information is identified using the American Community Survey (ACS) Data from the 2020 Census at <https://data.census.gov/cedsci/advanced>. If other data is presented to OWRB which more accurately reflects the entity's current or proposed service area, re-evaluation on a case by case basis may be performed. Data submitted must include, but not be limited to, per capita income (PCI), employment rate, and population change trends for the proposed service area of the project.

The formulas below are how OWRB determines affordability criteria for each town in Oklahoma.

- a) Formula to determine an entity's 'adjusted per capita income (APCI)' for CWSRF.
 - $APCI = PCI * \text{employment rate} * \text{population change trend}$ (as compared to 2010 census data)
- b) To determine an entity's percentage of adjusted per capita income, OWRB used the formula below for percentage ranking and tier determination.
 - $\% \text{ of APCI} = APCI / U.S. APCI$

There are 4 tiers to determine affordability criteria as outlined below:

<u>Tier</u>	<u>Community APCI as % of US APCI</u>
4	$APCI \geq 81\% \text{ of U.S. APCI}$
3	$APCI \geq \text{of } 71\%, \leq 81\% \text{ of the U.S. APCI}$
2	$APCI \geq \text{of } 56\%, \leq 71\% \text{ of the U.S. APCI}$
1	$APCI 55\% \leq \text{of U.S. APCI}$

The lower the tier number the greater financial need of the community based on the affordability criteria percentage where tier 4 does not meet the state's affordability criteria. A majority of entities in Oklahoma have an affordability criteria tier calculation which can be viewed on [OWRB's website](#).

GREEN PROJECT RESERVE

The FFY 2022 Capitalization Grants for the base program and Bipartisan Infrastructure Law (BIL) grant conditions state that "the recipient agrees to make a timely and concerted good faith solicitation for projects that address green infrastructure, water or energy efficiency improvements or other environmentally innovative activities. A good faith solicitation must be open to all GPR eligible projects in each of the four GPR categories. The recipient agrees to include in its IUP such qualified projects, or components of projects, that total an amount at least equal to 10% of its capitalization grant..." With the BIL general supplemental grant and the base grant both having a 10% requirement and with the BIL emerging contaminant grant, Oklahoma was required to allocate a minimum of \$2,448,300 to projects which met the GPR requirements.

As of June 30, nine (9) loans to Altus MA, Broken Arrow MA, Broken Bow PWA, Covington UA, Lawton WA, Norman UA, Caddo PWA, Geronimo PWA and Shawnee MA, had approved green components for water and energy efficiency. GPR goals were met through automatic meter infrastructure, wastewater treatment plant rehabilitation, wastewater collection system improvements, planning and design and Inflow and Infiltration reduction. GPR components for SFY 2023 total \$25,163,761.70 (Table 2). Information on these projects are available for public viewing at <https://oklahoma.gov/owrb/financing/clean-water-state-revolving-fund-loans/green-project-reserve-and-additional-subsidy.html> within the quarter in which the loan was made.

Green components are identified in the Engineering Report (ER), through a GPR checklist, or based on in-house engineer knowledge of eligible components. The guidelines have been developed to assist consulting engineers in preparing ERs. GPR components are tracked from the planning phase of the project through design, bidding, and construction. A tracking sheet has been developed to compare the estimated cost of the green components to actual purchased and installation costs. During construction inspections, green components are identified, evaluated, and included in the inspection reports. They are reviewed again during the payment approval process. Final GPR amounts are reported in CBR at project close-out.

ADDITIONAL SUBSIDIZATION

The Federal Water Pollution Control Act (FWPCA) section 603(i) now includes the authority for a CWSRF Program to provide a certain percentage of its capitalization grant as additional subsidization to a municipality or intermunicipal, interstate, or State agency that meet the requirements of the section. The minimum of 10 percent and a maximum 30 percent of the base capitalization grant as additional subsidization. As part of the FFY 2022 Appropriations Act, 10 percent of the base capitalization grant shall be used to provide additional subsidy to eligible recipients. These two are separate requirements for additional subsidization of the base program and are additive. Therefore, states must provide 20 percent and up to 40 percent of the base capitalization grant as additional subsidy. In addition to the additional subsidy that is required under the CWA, the FFY 2022 base capitalization grant stated that “the recipient agrees to use ten percent of the funds available in the capitalization grant to provide additional subsidy to eligible recipients in the form of forgiveness of principal, negative interest loans, or grants (or any combination of these), which shall be used only where such funds are provided as initial financing for an eligible recipient or to buy, refinance, or restructure the debt obligations of eligible recipients only where such debt was incurred after March 15, 2022.” The required amount for SFY 2023 was \$1,869,800.

Under the Infrastructure Investments and Jobs Act, the BIL general supplemental grant stated, “the recipient agrees to use 49 percent of the funds available in the capitalization grant to provide additional subsidy to eligible recipients in section 603(i) of the CWA the form of forgiveness of principal, or grants (or any combination of these), which shall be used only where such funds are provided as initial financing for an eligible recipient or to buy, refinance, or restructure the debt obligations of eligible recipients only where such debt was incurred after November 15, 2021.” This amount totaled \$7,045,710. The BIL emerging contaminants grant reads the same as above with the exception of this being a 100 percent of the funds given as additional subsidy totaling \$755,000.



For SFY 2023, OWRB awarded 20% of the base grant, 49% of the BIL general supplemental grant and 100% of the BIL emerging contaminants grant as additional subsidy in the form of loan forgiveness. Loan forgiveness was awarded to projects in communities that met the affordability criteria or other eligible categories. The program had sixteen (16) entities that received Loan Forgiveness: Caddo PWA, Tishomingo MA, Broken Bow PWA, Covington UA, Shawnee MA, Broken Arrow MA, Talala PWA, Salina PWA, El Reno MA, Geronimo PWA, Stillwater UA, Pawhuska PWA, Marietta MA, Barnsdall PWA, Inola PWA, and COMCD totaling \$9,670,510 (Table 2).

Table 2: Green Project Reserve and Subsidization for SFY 2023

RECIPIENT	AFFORDABILITY CRITERIA TIER	APPROPRIATION YEAR	ASSISTANCE AMOUNT	GREEN AMOUNT	LOAN FORGIVNESS BASE	LOAN FORGIVNESS BIL	LOAN FORGIVNESS BIL-EC	PROJECT DESCRIPTION	GREEN CATEGORY
Broken Bow PWA	1	2022	\$617,710.00	\$475,760.00	\$429,800.00	\$187,910.00	-	Planning and Design	EE
Covington UA	1	2022	\$392,968.00	\$392,968.00	-	\$392,968.00	-	Collection System Improvements	EE
Norman UA	4	2022	\$15,000,000.00	\$15,000,000.00	-	-	-	Advanced Water Metering	WE
Shawnee MA	2	2023	\$65,635,000.00	\$151,700.00	-	\$1,000,000.00	-	WWTP Improvements	EE
Lawton WA	2	2023	\$70,000,000.00	\$2,348,089.85	-	-	-	WWTP Improvements and AMIs	WE
Broken Arrow MA	4	2023	\$19,305,000.00	\$1,230,687.20	\$500,000.00	-	-	WW System Rehab	WE
Altus MA	2	2023	\$22,500,000.00	\$4,323,120.00	-	-	-	Sewer Line and Manhole Replacement	EE
Talala PWA	2	2022	\$88,679.25	-	-	\$88,679.25	-	Land Acquisition	-
Tishomingo MA	1	2022	\$1,000,000.00	-	-	\$1,000,000.00	-	WWCS Rehabilitation	-
Caddo PWA	1	2022	\$615,380.00	\$615,380.00-	-	\$615,380.00	-	WWCS Rehabilitation	EE-
Salina PWA	1	2022	\$2,242,000.00	-	-	\$1,000,000.00	-	WWT Upgrades	-
El Reno MA	2	2022	\$440,000.00	-	\$440,000.00	-	-	Planning and Design	-
Geronimo PWA	1	2022	\$653,500.00	\$626,056.65-	-	\$653,500.00	-	Sewer Rehabilitation	EE-
Stillwater UA	2	2022	\$10,500,000.00	-	\$500,000.00	\$500,000.00	-	Sewer Interceptor Replacement	-
Pawhuska PWA	1	2022	\$470,899.97	-	-	\$470,899.97	-	Collection System Improvements	-
Marietta MA	1	2022	\$690,000.00	-	-	\$690,000.00	-	Concrete Drainage Box Replacement	-
Barnsdall PWA	1	2022	\$275,372.78	-	-	\$275,372.78	-	Planning and Design	-
Inola PWA	1	2022	\$171,000.00	-	-	\$171,000.00	-	Planning and Design	-
Central Oklahoma Master Conservancy District	3	2022	\$755,000.00	-	-	-	\$755,000.00	Lake Thunderbird Emerging Contaminants	-
TOTAL			\$211,352,510.00	\$25,163,761.70	\$1,869,800.00	\$7,045,710.00	\$755,000.00		

FFATA REPORTING

Reporting under the Federal Funding Accountability and Transparency Act (FFATA) was completed as required. An amount reported for funded projects, equal to the capitalization grant amount, was submitted to the FFATA database during SFY 2023. The FFY 2022 capitalization grant amount was \$9,349,000 and the FFY 2022 BIL General Supplemental grant amount was \$14,379,000. The Shawnee project ORF-20-0018-CWB was used for FFATA reporting for both grants during FY 2023. The Shawnee project exceeded the reporting maximum, so only a total of \$23,728,000 was reported to FFATA for FY 2023. COMCD project was reported for the SFY 2023 emerging contaminants grant totaling \$755,000.

GENERALLY ACCEPTED ACCOUNTING PRINCIPLES § 602 (B)(9)

CWSRF recipients are required to maintain project accounts in accordance with generally accepted governmental accounting standards. All loan agreements stipulate that the “Borrower shall maintain separate Project accounts in accordance with generally accepted government accounting standards.”

Active borrowers are required to submit financial audits to the OWRB. Those audits were reviewed to verify that the borrowers maintained the minimum Debt Coverage Ratio required by their loan covenants. The OWRB requires for those audits to be received within five (5) months of the borrowers’ Fiscal Year End. As of June 30, 2023, 28% of the borrowers were late in submitting their audit. OWRB staff worked with those borrowers in an effort to receive their audits. Among the CWSRF borrowers for which audits had been received, 100% met DCR requirements, either based on the original audited financials, or after adjustments were made and discussed with OWRB.

The audit’s opinions, findings and notes were also reviewed in an effort to identify risks and concerns regarding the borrower’s financial and operational situation. Issues were discussed with the borrowers or their auditor and resolved as needed. If required, CWSRF borrowers were notified that a single audit was to be completed. For SFY 2023, the OWRB no longer required its borrowers to provide a copy of their completed single audit as per guidance received from EPA in late FFY 2022.

NEPA REVIEW §602 (B)(6)

All projects requesting funding for treatment works projects from the CWSRF Program were subject to an interdisciplinary environmental review by the OWRB consistent with the National Environmental Policy Act (NEPA) as required by the FWPCA section 511(c)(1). The Oklahoma CWSRF applies a NEPA-like State Environmental review process to all treatment works projects seeking funding through the CWSRF Program. Oklahoma’s State Environmental Review Process is memorialized as part of the OWRB’s Chapter 50 Rules and reviewed annually by the EPA. There are three basic environmental determinations which can apply to treatment works projects funded with the CWSRF. These include Categorical Exclusion (CATEX), Finding of No

Significant Impact (FONSI) following the preparation of an Environmental Assessment (EA) or a Record of Decision (ROD) following the preparation of and Environmental Impact Statement (EIS). The Board may also choose to accept determinations made by other federal agencies in lieu of conducting a formal environmental review. In this case, a Statement of Finding (SOF) would be issued. Seventeen (17) environmental determinations were made during SFY 2023 and are listed in Table 4 for each project. There were several non-treatment works projects completed in SFY 2023, where no determinations were issued. Specifically, Norman UA was for automatic meter infrastructure; Broken



Bow PWA, El Reno MA, Barnsdall PWA, and Inola PWA were all planning and design projects; and Talala PWA was for land acquisition and Central Oklahoma Master Conservancy District was a planning watershed study for emerging contaminants.

As part of the environmental review, the Oklahoma CWSRF Program required all projects in SFY 2023, to be in compliance with Federal Environmental Cross-Cutting Requirements. The requirements are those provisions in federal law, executive orders, and government-wide policies which apply by their own terms to projects and activities receiving federal financial assistance. Consultants, for wastewater projects which anticipated receiving a FONSI, were required to send a Request for Comment letter to all crosscutter agencies, as listed in the Funding Agency Coordinating Team (FACT) Environmental Information Document (EID) Checklist for the preparation of the EID. A response is required from each agency responsible for the crosscutter, confirming the project would have no impact. In the case that no response was received, the CWSRF staff made an internal determination and documented that the crosscutter was not impacted. For projects receiving a CATEX determination, CWSRF staff sent request for comment letters and did internal determination based on information received from the project owners. Documentation for this determination was included in the CATEX determination. No projects were received that required a ROD determination.

BENEFITS REPORTING CBR/NIMS

The OWRB complied with reporting requirements regarding the utilization of funds under the SFY 2023 IUP. The major reporting vehicle was the CWSRF Benefits Reporting (CBR) Database. This reporting was completed quarterly through the SFY. Reporting included basic information including additional subsidization, GPR components, general data elements and environmental benefits.

SFY 2023 loans were reported in CBR based on the loan closing amount and closing dates. These were entered as CBR data field "Initial Agreement." CBR data for SFY 2023 loans will be digitally uploaded into NIMS. Loans amounts reported in the SFY 2023 Annual Report, however, are based on the Letter of Binding Commitment (Board Approval) amount and date (Table 1). Binding Commitment amounts are occasionally greater than the final "loan closing" amounts as they are generally made prior to the bidding and subsequent loan closing process.

A total of \$340,215,509.00 of "assistance" (amount for OWRB "closed loans") minus this year's de-obligations of \$292,596.00 gave an amount that will be reported to NIMS for the SFY 2023 of \$339,922,915.

DISADVANTAGED BUSINESS ENTERPRISE

To ensure compliance with the OWRB's Capitalization Grant and the EPA's Disadvantaged Business Enterprise (DBE) requirements, the OWRB has established a DBE program in accordance with the regulations of 40 CFR Part 33. Both Loan Recipients (Project Owners) and Prime Contractors are required to implement the DBE Guidance (ORF- 267) found at oklahoma.gov/owrb/forms/ORF-267DBEGuidance.pdf. The OWRB submits a "Minority Business Enterprise (MBE)/Women Business Enterprise (WBE) Utilization under Federal Grants, Cooperative Agreements" report (EPA Form 5700-52A) annually to the EPA. The OWRB reported a total procurement of \$556,515 to MBEs and WBEs for the FFY 2022 Capitalization Grant.

DAVIS BACON §602 (B)(6)

The FWPCA reauthorized under WRRDA section 602(b)(6) permanently applies the prevailing wage Davis-Bacon (DB) provision of the FWPCA section 513 to any projects for treatment works that are funded by a CWSRF loan. Consistent with EPA's prior implementation of this provision, application of the Davis-Bacon Act requirements extends not only to assistance agreements funded with capitalization grants, but to all

CWSRF-funded projects involving the construction of treatment works regardless of the source of funding (e.g., prior years' appropriations, state match, bond proceeds, interest earnings, principal repayments, etc.). Any project that is considered a "treatment works" as defined in the FWPCA section 212 (now incorporated in FWPCA section 502(26)), must comply with the FWPCA 513, regardless of which eligibility it is funded under. The DB requirements are included in the required information to bidders as part of the Supplemental Conditions (ORF-185), which can be found in the Combined Bid Packet for CWSRF, and posted on OWRB's website at www.oklahoma.gov/owrb/forms.

For every project for which DB regulations applied (Table 3), OWRB staff verified that appropriate wage rates were being utilized, and that the wage rates and DB posters were posted at the job site where they could be seen by all workers. Additionally, OWRB staff received certifications from borrowers or their authorized representatives that payroll reports were reviewed on a weekly basis and complied with the approved DB wages.



AMERICAN IRON AND STEEL §608

Beginning with the FFY 2014 Appropriation, WRRDA further codified the requirement that funds made available from a CWSRF loan may not be used for a project for the construction, alteration, maintenance, or repair of treatment works unless all the iron and steel products used in the project are produced in the United States. The term "iron and steel products" refers to a list of products made primarily of iron or steel that are permanently incorporated in the project. These products include lined or unlined pipes and fittings, manhole covers and other municipal castings, hydrants, tanks, flanges, pipe clamps, and restraints, valves, structural steel, reinforced precast concrete, and construction materials.

For CWSRF treatment works projects (Table 3), the AIS requirements were included in the required information to bidders as part of the Supplemental Conditions (ORF-185), which can be found in the Combined Bid Packet for CWSRF, posted on the OWRB's website at www.oklahoma.gov/owrb/forms and, in the advertisement information and other front-end documents for loans approved in the SFY 2023. All materials that fall under the AIS requirements are inspected and checked to ensure that they are made in the USA and have the required manufacturer's certifications. Materials that qualify for the de minimis waiver are tracked to ensure that they do not exceed five percent of the total material cost, as approved by the National De-Minimis Waiver. Any deviations from the AIS requirements are noted in the inspection report.

BUILD AMERICA BUY AMERICA (BABA)

On November 15, 2021, Infrastructure Investment and Jobs Act (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 strengthening Made in America Laws to bolster America’s industrial base, protect national security, and support high-paying jobs. The law 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.” This expands domestic sourcing requirements to include all steel, iron, manufactured products, non-ferrous metals, plastic, and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables), glass (including optic glass), lumber, and drywall used in infrastructure projects for federal financial assistance programs must be produced in the United States.

Specifically, the OWRB ensured that projects funded by the BIL general supplemental grant, for treatment works projects in FFY 2022 that were subject to the BABA requirements, met the criteria for the adjustment period waiver issued on September 2, 2022. The waiver was approved because the project had significant project design and planning activities that had been successfully concluded before May 14, 2022. This information was communicated effectively to the borrowing entity, along with the information on sunset date of September 2024.

LOAN CONDITIONS

The loan documents are reviewed annually to ensure that they adhere to the necessary state and federal regulations. This includes updating language that is appropriate for each new Capitalization Grant condition.

Table 3: Programmatic Application Dates and Requirements

RECIPIENT	PROJECT NUMBER	PROGRAMMATIC APPLICATION DATE	BINDING COMMITMENT DATE	FUNDED DATE	AIS	FSP (Y/N)	NEP A	GPR *	AD SUB*	SIGNAGE	EQUIVALENCY	BABA	DB	FIRST TIME BORROWER
Stillwater UA	ORF-21-0028-CW	12/30/2020	8/16/2022	1/10/2023	Y	Y	Y	N	BIL/BAS E	Y	N	N	Y	N
Talala PWA	ORF-22-0010-CW	4/21/2021	8/16/2022	9/9/2022	NR	Y	NR	N	BIL	Y	N	N	Y	Y
Marietta MA	ORF-22-0078-CW	1/27/2022	8/16/2022	9/16/2022	Y	Y	Y	N	BIL	Y	N	N	Y	Y
Broken Bow PWA	ORF-23-0066-CW	5/15/2022	8/16/2022	9/9/2022	NR	NR	NR	Y	BIL/BAS E	Y	N	N	N	N
Caddo PWA	ORF-23-0068-CW	5/15/2022	8/16/2022	9/9/2022	Y	Y	Y	N	BIL	Y	N	N	Y	N
El Reno MA	ORF-23-0096-CW	5/28/2022	8/16/2022	9/2/2022	NR	NR	NR	N	BASE	N	N	N	NR	N
Shawnee MA	ORF-20-0018-CWB	5/20/2022	8/16/2022	8/31/2022	Y	Y	Y	Y	BIL	Y	Y	IW	Y	N
Tishomingo MA	ORF-23-0101-CW	5/26/2023	8/16/2022	9/9/2022	Y	Y	Y	N	BIL	Y	N	N	Y	N
Geronimo PWA	ORF-23-0122-CW	5/31/2022	8/16/2022	9/9/2022	Y	Y	Y	N	BIL	Y	N	N	Y	N
Oklahoma City WUT	ORF-21-0008-CW	5/7/2020	9/20/2022	9/27/2022	Y	Y	Y	N	N	N	N	N	Y	N
Barnsdall PWA	ORF-22-0063-CW	7/18/2022	9/20/2022	9/29/2022	NR	NR	NR	N	BIL	Y	N	N	NR	Y
Coweta PWA	ORF-19-0002-CWA	4/21/2022	9/20/2022	9/23/2022	Y	Y	Y	N	N	N	N	N	Y	N
Pawhuska PWA	ORF-23-0080-CW	5/8/2023	9/20/2022	9/29/2022	Y	Y	Y	N	BIL	Y	N	N	Y	N
Salina PWA	ORF-23-0085-CW	4/20/2022	9/20/2022	10/11/2022	Y	Y	Y	N	BIL	Y	N	N	Y	N
Covington UA	ORF-23-0147-CW	4/21/2022	9/20/2022	9/27/2022	Y	Y	Y	Y	BIL	Y	N	N	Y	Y
Inola PWA	ORF-23-0152-CW	7/27/2022	9/20/2022	9/26/2022	NR	NR	NR	N	BIL	Y	N	N	NR	N
Broken Arrow MA	ORF-23-0167-CW	8/1/2022	9/20/2022	9/23/2022	Y	Y	Y	Y	BASE	N	N	N	Y	N
Norman UA	ORF-22-0062-CW	8/9/2021	10/18/2022	11/4/2022	NR	NR	NR	Y	N	N	N	N	NR	N
Lawton WA	ORF-22-0008-CWA	5/12/2022	10/18/2022	11/7/2022	Y	Y	Y	Y	N	N	N	N	Y	N
Stillwater UA	ORF-21-0025-CW	4/30/2020	12/8/2022	1/10/2023	Y	Y	Y	N	N	Y	N	N	Y	N
Altus MA	ORF-23-0030-CW	5/31/2022	12/8/2022	12/12/2022	Y	Y	Y	Y	N	N	N	N	Y	N
Davis MA	ORF-22-0021-CW	5/3/2021	4/18/2023	5/10/2023	Y	Y	Y	N	N	N	N	N	Y	Y
Central Oklahoma MCD	ORF-23-0095-CW	5/31/2022	4/15/2023	5/26/2023	NR	NR	NR	N	EC	Y	Y	N	NR	N

*Funds were from the FFY 2022 Appropriations

NR= Not Required for Non-Treatment Works (examples AMRs, Non-Point Source, Engineering Study, Etc.)

BIL – General Supplemental Cap Grant Base – CWSRF Cap Grant EC – Emerging Contaminants IW – Implementation Waiver

Table 4: Environmental Determinations Issued within SFY 2023

RECIPIENT	LOAN NUMBER	ENFORCEMENT SCHEDULE ORDER	DECISION TYPE	DATE
Stillwater UA	ORF-21-0025-CW	NO	CE	8/10/2022
Marietta MA	ORF-22-0078-CW	NO	CE	8/9/2022
Caddo PWA	ORF-23-0068-CW	YES	CE	7/12/2022
Shawnee MA	ORF-20-0018-CWB	NO	EA/FONSI	5/17/2021
Tishomingo MA	ORF-23-0101-CW	YES	CE	7/12/2022
Geronimo PWA	ORF-23-0122-CW	NO	CE	8/9/2022
Oklahoma City WUT	ORF-21-0008-CW	NO	CE	8/31/2022
Coweta PWA	ORF-19-0002-CWA	NO	EA/FONSI	7/5/2019
Pawhuska PWA	ORF-23-0080-CW	NO	CE	6/8/2022
Salina PWA	ORF-23-0085-CW	NO	EA/FONSI	8/18/2022
Covington UA	ORF-23-0147-CW	NO	CE	9/19/2022
Broken Arrow MA	ORF-23-0167-CW	NO	CE	9/19/2022
Norman UA	ORF-22-0062-CW	NO	CE	10/18/2022
Lawton WA	ORF-22-0008-CWA	NO	CE	9/30/2022
Altus MA	ORF-23-0030-CW	NO	CE	11/17/2022, 5/16/2023
Davis MA	ORF-22-0021-CW	NO	CE	4/11/2023

CE = Categorical Exclusion

FONSI/EA = Finding of No Significant Impact/Environmental Assessment

*There were six projects that are Non-Treatment Works projects and will not have an environmental decision, Talala PWA, Broken Bow PWA, El Reno MA, Barnsdall PWA, Inola PWA, and Central Oklahoma MCD.

2023 IUP ACCOMPLISHMENTS

The OWRB used an online Project Priority List (PPL) request process in SFY 2023. Using Survey 123, Power BI and Power Automate, this allowed entities to apply directly to the OWRB. The process was connected to a workflow that was managed by OWRB staff. The system alerted staff when a request for placement had been received, staff then reviewed the request and ranked it using our rating system. Once the ranking was complete, an email notification was sent to the requesting entity with a link to view their placement on the PPL list in real time. The new PPL is constantly being updated as new loans are added, closed, or withdrawn and when loan amounts change.

PPL Revisions Report SFY 2023

After the SFY 2023 IUP was published, the PPL was revised continually in real time for the additions of new projects, adjustments to the loan, awarded dates, revisions to construction assistance amounts, updates to GPR amounts as well as subsidy amounts. As such the changes are listed below without revision numbers as it is an ongoing process.

Date of Change	Entity	Type	Changes (in chronological order)
July 8, 2022	Waynoka Utilities Authority	Addition	Wastewater Treatment Plant Improvements
July 8, 2022	El Reno Municipal Authority	Adjustment	Loan Request for El Reno MA changed from \$430,000 to \$440,000
July 11, 2022	Jet Utilities Authority	Addition	AMR Meter Replacement
July 12, 2022	Anadarko Public Works Authority	Addition	Anadarko Wastewater Treatment Plant
July 12, 2022	Talala Public Works Authority	Adjustment	Loan Request for Talala PWA changed from \$120,000 to \$118,239
July 15, 2022	Broken Bow Public Works Authority	Adjustment	Loan Request for Broken Bow PWA changed from \$1,235,420 to \$671,710
July 19, 2022	Barnsdall Public Works Authority	Adjustment	Loan Request for Barnsdall PWA changed from \$2,000,000 to \$240,372.78
July 19, 2022	Barnsdall Public Works Authority	Adjustment	Loan Request for Barnsdall PWA changed from \$240,372.78 to \$280,372.78
July 20, 2022	Wakita Utilities Authority	Addition	Force Main Replacement
July 21, 2022	Broken Bow Public Works Authority	Adjustment	Loan Request for Broken Bow PWA changed from \$671,710 to \$617,710
July 26, 2022	Stillwater Utilities Authority	Adjustment	Loan Request for Stillwater UA changed from \$12,250,000 to \$6,000,000
July 26, 2022	Stillwater Utilities Authority	Adjustment	Loan Request for Stillwater UA changed from \$6,000,000 to \$5,000,000
July 28, 2022	Spencer Utilities Authority	Addition	CL2 and SO2 Improvements
July 28, 2022	Spencer Utilities Authority	Addition	Liberty Lift Station
July 28, 2022	Spencer Utilities Authority	Addition	Blower System Improvements
July 28, 2022	Spencer Utilities Authority	Addition	RAS System Improvement
July 28, 2022	Spencer Utilities Authority	Addition	Emergency Sewer & Waterline Repair
July 28, 2022	Talala Public Works Authority	Adjustment	Loan Request for Talala PWA changed from \$118,239 to \$88,679.25
August 1, 2022	Marietta Municipal Authority	Adjustment	Loan Request for Marietta MA changed from \$650,000 to \$690,000.00
August 1, 2022	Anadarko Public Works Authority	Adjustment	Loan Request for Anadarko PWA changed from \$400,000 to \$900,000.00
August 2, 2022	Ames Public Works Authority	Addition	Auto Read Meters

Date of Change	Entity	Type	Changes (in chronological order)
August 3, 2022	Hardesty Municipal Authority	Addition	Planning & Design 1: Lagoon Repair, 2: Sewer System
August 3, 2022	Pauls Valley Municipal Authority	Addition	Pauls Valley Dam and Spillway renovation
August 3, 2022	Apache Public Works Authority	Adjustment	Loan Request for Apache PWA changed from \$110,000 to \$340,000.00
August 3, 2022	Panama Public Works Authority	Adjustment	Loan Request for Panama PWA changed from \$750,000 to \$272,450.00
August 3, 2022	Haileyville Public Works Authority	Adjustment	Loan Request for Haileyville PWA changed from \$100,0000 to \$298,000.00
August 3, 2022	Hugo Municipal Authority	Adjustment	Loan Request for Hugo MA changed from \$140,190 to \$370,190.00
August 3, 2022	Shawnee Municipal Authority	Adjustment	Loan Request for Shawnee MA changed from \$17,635,000 to \$65,635,000.00
August 5, 2022	Shawnee Municipal Authority	Adjustment	Loan Request for Shawnee MA changed from \$65,635,000 to \$64,635,000.00
August 10, 2022	Covington Utilities Authority	Adjustment	Loan Request for Covington UA changed from \$144,000 to \$489,950.00
August 12, 2022	Barnsdall Public Works Authority	Adjustment	Loan Request for Barnsdall PWA changed from \$280,372.78 to \$275,372.78
August 16, 2022	Hugo Municipal Authority	Adjustment	Loan Request for Hugo MA changed from \$100,190 to \$370,190.00
August 16, 2022	Hugo Municipal Authority	Adjustment	Loan Request for Hugo MA changed from \$370,190 to \$100,000.00
August 18, 2022	Covington Utilities Authority	Adjustment	Loan Request for Covington UA changed from \$489,950 to \$489,950.90
August 18, 2022	Oklahoma City Water Utilities Trust	Adjustment	Loan Request for OCWUT changed from \$277,00000 to \$103,513,000.00
August 23, 2022	Town of Martha	Addition	Waste water lift station repair /upgrade
August 25, 2022	Broken Arrow Municipal Authority	Adjustment	Loan Request for Broken AMA changed from \$19,305,000 to \$18,805,000.00
August 26, 2022	Lawton Water Authority	Adjustment	Loan Request for Lawton WA changed from \$45,000,000 to \$70,000,000.00
August 26, 2022	Covington Utilities Authority	Adjustment	Loan Request for Covington UA changed from \$489,950.90 to \$392,968.00
August 26, 2022	Covington Utilities Authority	Adjustment	Loan Request for Covington UA changed from \$382,968 to \$392,968.00
September 1, 2022	Oklahoma City Water Utilities Trust	Adjustment	Loan Request for OCWUT changed from \$103,513,000 to \$104,113,000.00
September 1, 2022	Oklahoma City Water Utilities Trust	Adjustment	Loan Request for OKWUT changed from \$10,413,000 to \$104,113,000.00
September 9, 2022	Salina Public Works Authority	Adjustment	Loan Request for Salina PWA changed from \$210,0000 to \$1,100,000.00
September 20, 2022	Salina Public Works Authority	Adjustment	Loan Request for Salina PWA changed from \$1,100,0000 to \$1,242,000.00
September 20, 2022	Oklahoma City Water Utilities Trust	Adjustment	Loan Request for OCWUT changed from \$104,113000 to \$103,513,000.00
September 29, 2022	Commerce Development Authority	Addition	AMR Water System
October 5, 2022	Lawton Water Authority	Adjustment	Loan Request for Lawton WA changed from \$70,900,000 to \$72,900,000.00
October 7, 2022	Altus Municipal Authority	Adjustment	Loan Request for Altus MA changed from \$10,000,000 to \$22,000,000.00
October 21, 2022	Lawton Water Authority	Adjustment	Loan Request for Lawton WA changed from \$72,000,000 to \$70,000,000.00
November 1, 2022	Altus Municipal Authority	Adjustment	Loan Request for Altus MA changed from \$22,500,000 to \$22,500,000.00
November 30, 2022	Watonga Public Works Authority	Adjustment	Loan Request for Watonga PWA changed from \$670,0000 to \$5,566,800.00

Date of Change	Entity	Type	Changes (in chronological order)
March 1, 2023	Davis Municipal Authority	Adjustment	Loan Request for Davis MA changed from \$12,250,000 to \$17,250,000.00
March 13, 2023	Weleetka Public Works Authority	Addition	Sewer Collection Improvements
March 14, 2023	Barnsdall Public Works Authority	Removed	Barnsdall PWA - withdrawn by entity
March 14, 2023	Weleetka Public Works Authority	Removed	Weleetka PWA - withdrawn by entity
March 14, 2023	Weleetka Public Works Authority	Removed	Weleetka PWA - withdrawn by entity
March 14, 2023	Glenpool Utility Services Authority	Adjustment	Loan Request for Glenpool USA changed from \$416,00000 to \$15,000,000.00
March 15, 2023	Welch Public Works Authority	Removed	Welch PWA changed - withdrawn by entity
March 15, 2023	Apache Public Works Authority	Adjustment	Loan Request for Apache PWA changed from \$340,000 to \$550,000.00
March 15, 2023	Guthrie Public Works Authority	Adjustment	Loan Request for Guthrie PWA changed from \$264,92397 to \$36,758,750.00
March 15, 2023	Grand River Dam Authority	Removed	Grand River Dam Authority - withdrawn by entity
March 21, 2023	Marlow Municipal Authority	Removed	Marlow MA - withdrawn by entity
March 23, 2023	Hartshorne Public Works Authority	Removed	Hartshorne PWA - withdrawn by entity
March 24, 2023	Clayton Public Works Authority	Removed	Clayton PWA - withdrawn by entity
March 29, 2023	Central Oklahoma Master Conservancy District	Adjustment	Loan Request for Central Oklahoma MCD changed from \$600,000 to \$765,000.00
March 30, 2023	Minco Municipal Authority	Adjustment	Loan Request for Minco MA changed from \$300,000 to \$400,000.00
March 30, 2023	Wakita Utilities Authority	Adjustment	Loan Request for Wakita UA changed from \$134,048 to \$124,048.00
April 3, 2023	Central Oklahoma Master Conservancy District	Adjustment	Loan Request for Central Oklahoma MCD changed from \$765,000 to \$755,000.00
April 3, 2023	Minco Municipal Authority	Adjustment	Loan Request for Minco MA changed from \$400,000 to \$500,000.00
April 5, 2023	Nicoma Park Development Authority	Adjustment	Loan Request for Nicoma PDA changed from \$350,0000 to \$601,500.00
April 5, 2023	Jones Public Works Authority	Adjustment	Loan Request for Jones PWA changed from \$635,00 to \$71,800.00
April 5, 2023	Jones Public Works Authority	Adjustment	Loan Request for Jones PWA changed from \$763,550 to \$1,054,500.00
April 5, 2023	Healdton Municipal Authority	Adjustment	Loan Request for Healdton MA changed from \$18000,000 to \$1,000,000.00
April 5, 2023	Wellston Public Works Authority	Adjustment	Loan Request for Wellston PWA changed from \$122,335 to \$1,000,000.00
April 6, 2023	Oklahoma City Water Utilities Trust	Adjustment	Loan Request for Oklahoma CWA changed from \$340,0000 to \$53,463,000.00
April 12, 2023	City of Snyder	Adjustment	Loan Request for City of SA changed from \$256,500 to \$999,998.00
April 12, 2023	Watonga Public Works Authority	Removed	Watonga PWA - withdrawn by entity
April 13, 2023	Pawnee Public Works Authority	Adjustment	Loan Request for Pawnee PWA changed from \$175,0000 to \$1,575,000.00
April 25, 2023	Newcastle Public Works Authority	Adjustment	Loan Request for Newcastle PWA changed from \$220,00000 to \$51,819,143.58
April 26, 2023	Seminole Municipal Authority	Adjustment	Loan Request for Seminole MA changed from \$406,138 to \$416,138.00
April 28, 2023	Seminole Municipal Authority	Adjustment	Loan Request for Seminole MA changed from \$419,076 to \$439,076.00
April 28, 2023	Big Cabin Public Works Authority	Adjustment	Loan Request for Big CPA changed from \$642,975 to \$873,586.00
May 1, 2023	Meno Public Works Authority	Removed	Meno PWA - withdrawn by entity

Date of Change	Entity	Type	Changes (in chronological order)
May 1, 2023	Ames Public Works Authority	Adjustment	Loan Request for Ames PWA changed from \$950,00 to \$101,035.00
May 1, 2023	Big Cabin Public Works Authority	Adjustment	Loan Request for Big CPA changed from \$873,586 to \$926,286.27
May 2, 2023	Idabel Public Works Authority	Adjustment	Loan Request for Idabel PWA changed from \$868,200 to \$870,700.00
May 2, 2023	Waukomis Public Works Authority	Adjustment	Loan Request for Waukomis PWA changed from \$100,0000 to \$220,000.00
May 4, 2023	Waukomis Public Works Authority	Adjustment	Loan Request for Waukomis PWA changed from \$220,000 to \$165,000.00
May 12, 2023	Fort Cobb Public Works Authority	Adjustment	Loan Request for Fort CPA changed from \$345,850 to \$223,622.00
May 15, 2023	Minco Municipal Authority	Adjustment	Loan Request for Minco MA changed from \$500,516 to \$370,516.50
May 16, 2023	Pawhuska Public Works Authority	Adjustment	Loan Request for Pawhuska PWA changed from \$600,000 to \$580,000.00
May 18, 2023	Covington Utilities Authority	Adjustment	Loan Request for Covington UA changed from \$996,989 to \$876,989.66
May 23, 2023	Stigler Municipal Improvements Authority	Adjustment	Loan Request for Stigler MIA changed from \$320,880 to \$417,230.00
May 23, 2023	Locust Grove Public Works Authority	Removed	Locust Grove PWA - withdrawn by entity
May 23, 2023	Sperry Utility Service Authority	Adjustment	Loan Request for Sperry USA changed from \$120,000 to \$302,500.00
May 23, 2023	Healdton Municipal Authority	Adjustment	Loan Request for Healdton MA changed from \$100,000 to \$450,000.00
May 24, 2023	Hugo Municipal Authority	Adjustment	Loan Request for Hugo MA changed from \$10205,000 to \$1,205,000.00
May 26, 2023	Breckinridge Public Works Authority	Adjustment	Loan Request for Breckinridge PWA changed from \$532,140 to \$61,900.00
May 26, 2023	Breckinridge Public Works Authority	Adjustment	Loan Request for Breckinridge PWA changed from \$619,00 to \$62,400.00
May 26, 2023	Healdton Municipal Authority	Adjustment	Loan Request for Healdton MA changed from \$452,500 to \$562,500.00
May 30, 2023	Breckinridge Public Works Authority	Adjustment	Loan Request for Breckinridge PWA changed from \$624,00 to \$69,500.00
May 30, 2023	Healdton Municipal Authority	Adjustment	Loan Request for Healdton MA changed from \$561,721 to \$541,721.00
May 31, 2023	Hugo Municipal Authority	Adjustment	Loan Request for Hugo MA changed from \$12276,941 to \$1,276,941.23
June 5, 2023	Stonewall Public Works Authority	Adjustment	Loan Request for Stonewall PWA changed from \$800,000 to \$1,600,000.00
June 8, 2023	Norman Utilities Authority	Adjustment	Loan Request for Norman UA changed from \$750,000 to \$830,000.00
June 28, 2023	Jay Utilities Authority	Adjustment	Loan Request for Jay UA changed from \$13281,329 to \$1,281,329.00

OTHER CHANGES

Several entities with projects listed on the SFY 2023 CWSRF PPL had ranking changes due to revised project items or construction estimates and/or target project approval dates. The list was revised to reflect these adjustments.

De-obligations that were made during FY2023

Borrower	De-Obligated Amount
Shidler Public Works Authority	\$1,357.74
Laverne Public Works Authority	\$10.00
Tulsa Metropolitan Utility Authority	\$24,349.73
Tulsa Metropolitan Utility Authority	\$266,741.81
Tulsa Metropolitan Utility Authority	\$138.99
TOTAL SFY 2023 De-obligations	\$292,598.27

GOALS AND ACCOMPLISHMENTS

Goals set in the IUP provide a road map for activities conducted throughout the year. The SFY 2023 IUP included seven (7) short-term and eight (8) long-term goals for the year.

SHORT-TERM GOALS AND ACCOMPLISHMENTS

OVERSEE THE UPDATE OF THE CLEAN WATER NEEDS SURVEY TO ENSURE MAXIMUM PARTICIPATION FROM COMMUNITIES AND THAT NON-TRADITIONAL PROJECT TYPES ARE REPRESENTED.

OWRB contracted with Freese and Nichols (FNI) and coordinated with ODEQ to conduct the 2022 Oklahoma Clean Watersheds Needs Survey (CWNS) in conjunction with the 2025 update to the Oklahoma Comprehensive Water Plan. The CWNS was last conducted in 2012. Data collection began in March 2022 and all data was submitted to EPA's Data Entry Portal (DEP) by April 2023. The survey was distributed to over 1,200 recipients with only an 8.6% response rate. Efforts made to solicit survey responses included hosting 2 webinars, presentations at local municipal league conferences, and phone call follow ups. In addition to survey data, FNI was able to get approval from EPA on a state specific approach for decentralized septic tank needs. These efforts resulted in \$3.5 billion in total needs over the next 20 years. This is a 45% increase in needs from the 2012 CWNS and includes needs in the stormwater, nonpoint source, decentralized systems, and water reuse categories that were not reported in the 2012 survey.

APPLY FOR ALL THREE CWSRF CAPITALIZATION GRANTS WITHIN THE FIRST YEAR APPROPRIATED.

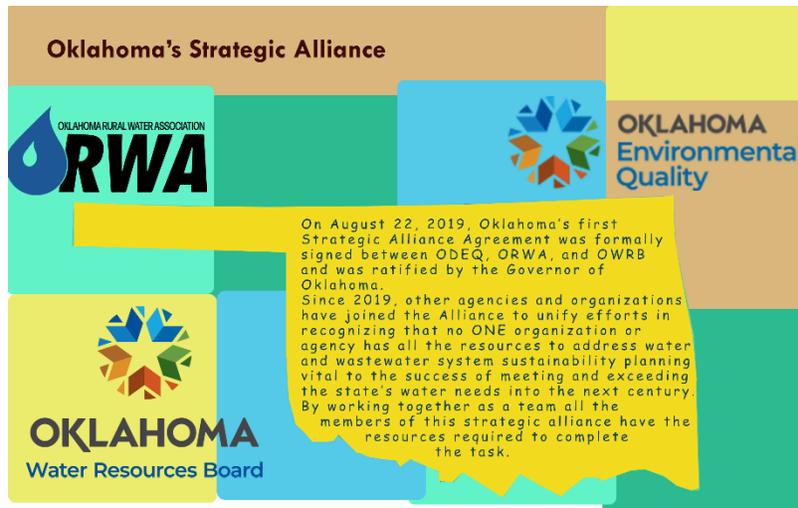
The FFY 2022 Capitalization grant applications were submitted on June 16, 2022. The award for Emerging Contaminants was made September 14, 2022, BIL General Supplemental was made on September 16, 2022 and Base was made September 22, 2022.

ASSIST BORROWERS LISTED IN THIS PLAN THAT ARE UNDER ENFORCEMENT ORDERS TO MEET DEADLINES FOR MUNICIPAL COMPLIANCE IN ACCORDANCE WITH THE CWA BY PROVIDING FINANCIAL OR TECHNICAL ASSISTANCE.

Four (4) of the twenty-three (23) loans funded during SFY 2023 were proposed as a result of violations to wastewater discharge permits and/or enforceable order violations detailing a specific short-term compliance schedule. This assistance allows these communities to attain compliance with the enforceable requirements of the CWA and improve or maintain water quality in receiving streams and underlying groundwater. The OWRB continues to initiate immediate contact with municipalities receiving new consent orders to inform and work with them in determining eligibility and to provide funding in accordance with enforcement schedules.

CONTINUE TO DEVELOP, IMPLEMENT AND MARKET THE SPONSORSHIP PROGRAM TO ADDRESS WATER QUALITY PRIORITIES IN THE STATE BY INCENTIVIZING NONPOINT SOURCE SOLUTIONS.

In SFY 2023, two CWSRF borrowers took advantage of the Sponsorship Program, recognizing a combined total of \$3,500,000 in interest rate reduction forgiveness. These systems included the Lawton Water Authority and the Oklahoma City Water Utilities Trust.



DEVELOP PROGRAMMATIC PROCEDURES TO PROVIDE IN-HOUSE ENVIRONMENTAL DOCUMENTATION PREPARATION SERVICES TO BORROWERS.

The environmental team developed criteria for writing EIDs and researched training opportunities for staff to allow us to better serve our borrowers. The trainings will take place in the following SFY.

PROVIDE 25% OF ALL CWSRF LOANS, AS SYSTEM INTEREST IS RECEIVED, TO COMMUNITIES WITH A POPULATION OF LESS THAN 10,000.

In SFY 2023, approximately fifty two percent (52%) of binding commitments (twelve out of twenty three) for long-term, low-interest loans were made to Oklahoma's communities with populations under 10,000, for a total amount of approximately \$24.4 million. This total is above the Program's goal and the CWSRF is anticipated to continue providing below-market rate loans to help ensure project affordability and environmental health protection for small communities across Oklahoma.

STREAMLINE THE DATA ENTRY PROCESS IN CBR TO ELIMINATE THE DUPLICATION OF DATA ENTRY AND REDUCE ERRORS.

OWRB received a grant from EPA to connect our in house database IFS to CBR. OWRB worked with HSO, OMES, and EPA to build new forms and connections to track project information from pre-application through reporting. The project created new connections to allow the CWSRF project priority list, in house database, and CBR to share and update information between applications. As of the date of this report, OWRB is waiting on the API connector to finalize the project. OWRB anticipates the project to be completed by the end of 2023. When completed, this project will reduce redundancy and errors in reporting between applications while increasing consistency and reliability.

LONG-TERM GOALS AND ACCOMPLISHMENTS

MAINTAIN THE FISCAL INTEGRITY OF THE FUND TO ENSURE IT REMAINS VIABLE AND SELF-PERPETUATING TO MEET THE LONG-RANGE WATER QUALITY NEEDS OF THE STATE.

This goal is being achieved on an ongoing basis through stringent program procedures and financial controls as well as continuous repayment of previously issued loans that provide a renewable source of funding for future loans. To maintain the fiscal integrity of the CWSRF, the OWRB performs a variety of processes including providing credit reviews and technical assistance to loan recipients, establishing fiscal controls, and maintaining financial accounts within the CWSRF sufficient to minimize financial risk. The OWRB's credit review of CWSRF applications and the OWRB's procedures for monitoring loan conditions and collecting payments of interest and principal have enhanced the fiscal integrity of the program.

Traditionally, each of these processes has ensured that payments from loan recipients are billed and paid promptly, thus enhancing the fiscal integrity of the CWSRF. To date, the program has maintained a zero default loan repayment record (Table 5). Should a default occur, the cross-collateralization strategy included in the Master Trust Agreement makes CWSRF revenues available to cure any Drinking Water (DW) SRF bond payment default or reserve fund deficiency, or vice versa. The OWRB also maintains a Capacity Model, which demonstrates perpetuity and is available at <https://www.oklahoma.gov/owrb/financing/financial-documents-and-investor-relations>.

IMPROVE THE "DISBURSEMENT AS A PERCENTAGE OF FUNDS AVAILABLE" FINANCIAL INDICATOR TO ENSURE THE SUCCESS OF THE PROGRAM BY ENCOURAGING REGULAR DISBURSEMENTS OF FUNDS.

In FFY 2022, percentage increased from 86% to 91% due to the engineering section being fully staffed and able to encourage borrowers to make regular draws on open loans with the OWRB.

TARGET OUTREACH AND ASSISTANCE TO COMMUNITIES THAT HAVE NEVER UTILIZED CWSRF.

OWRB attended the FACT Road Show where agencies from across the state traveled to different regions to meet with communities discussing water and wastewater topics. This brought in communities that the CWSRF has never had the opportunity to speak with. In SFY 2023, Talala PWA, Marietta MA, Davis MA, Covington UA and Barnsdall PWA borrowed from the CWSRF for the first time.

SUPPORT THE IMPLEMENTATION OF THE OK COMPREHENSIVE WATER PLAN AND FUTURE UPDATES.

This FY the CWSRF program funded over \$340 million in critical infrastructure needs to address the \$43 billion wastewater needs identified in the 2012 Oklahoma Comprehensive Water Plan. The OWRB is currently working on the 2024 update of the Oklahoma Comprehensive Water Plan. The Financial Assistance Division has been actively engaged in providing input to the next update utilizing data from the Clean Watersheds Needs Survey to identify real projects in this iteration.

OBTAIN MAXIMUM CAPITALIZATION OF THE FUND FOR THE STATE WHILE GENERATING SUFFICIENT INVESTMENT AND LOAN INTEREST EARNINGS FOR DEBT SERVICE OF THE STATE MATCH REVENUE BONDS.

During SFY 2023, \$7,500,000 was provided from the Series 2023 Bond Issue to meet the state match requirement for the 2023 Capitalization Base and 2023 BIL Supplemental Grants and reimburse some of the previous state matches that were funded from a transfer from the CWSRF Administrative Account.

Based on the CWSRF's projected cash flows provided by OWRB Financial Advisor Hilltop Securities, the state match debt was structured to coincide with the repayment of bonds. The intention was for total income to be slightly in excess of debt service to ensure adequate coverage. This schedule and bond sizing provides for required bond repayment while allowing the CWSRF Program sufficient operational capacity for upcoming projects. Additionally, significant cost savings are passed on to CWSRF loan recipients by leveraging federal capitalization grant monies with larger bond issuances, reducing bond issuance costs. Sufficient funds will be generated from interest and investment earnings to retire the balance of the state match bonds by April 1, 2034.

MAINTAIN AND DEVELOP RELATIONSHIPS WITH OTHER FUNDING AGENCIES AND WATER QUALITY AGENCIES/PROFESSIONALS TO ENSURE RESOURCES ARE DIRECTED IN A HOLISTIC APPROACH.

Active participation within the Oklahoma Funding Agency Coordinating Team (FACT) allows for collaborative input by state agencies and organizations which provide water and wastewater infrastructure funding. Conference attendance and booth representation at a variety of organized events, Oklahoma Strategic Alliance where OWRB, ODEQ and ORWA utilize resources to help systems become more sustainable and prepared for growth, provide presentation services for conferences, workshops, and social events on funding opportunities, and established training sessions on funding opportunities for consulting professional teams, organizations and agencies.

DEVELOP AND REFINE PROCEDURES TO PREVENT FRAUD AND ENSURE A SYSTEM OF CHECKS AND BALANCES.

OWRB has adopted the “zero-trust” (never trust, always verify) policy. In order to achieve this new policy, a new SOP was developed for the EFT (electronic funds transfer) processing workflow. If a new bank account needs to be set up or there is a request to change financial information, the borrower is contacted to verify the account information before funds can be sent to the borrower. The banking information can only be set up by someone other than the people doing the draws to ensure a system of checks and balances.

MAINTAIN EPA APPROVAL TO RESERVE TRANSFER AUTHORITY IN AN AMOUNT UP TO 33% OF THE DRINKING WATER (DW) SRF CAPITALIZATION GRANT BETWEEN THE DWSRF AND CWSRF.

OWRB received approval from EPA of the transfer authority with the approval of the CWSRF 2023 IUP on June 29, 2023.

Table 5: Statement of Sources and Uses of Funds and Aging Summary

SOURCES	CUMULATIVE TOTAL THROUGH JUNE 30, 2022	JULY 1, 2022 - JUNE 30, 2023	CUMULATIVE TOTAL THROUGH JUNE 30, 2023
Federal Capitalization Grants	\$394,815,616	\$31,898,084	\$426,713,700
State Match - Appropriation/Agency Cash - Committed	\$19,015,020	\$0	\$19,015,020
State Match - Provided from State Match Bond Issues	\$55,455,129	\$7,500,000	\$62,955,129
CWSRF Bond Proceeds	\$572,910,484	\$171,071,209	\$743,981,693
Principal Repayments on Assistance Provided	\$751,107,341	\$44,634,921	\$795,742,262
Interest Repayments on Assistance Provided	\$152,765,554	\$12,528,175	\$165,293,729
Investment Earnings	\$89,457,820	\$3,042,326	\$92,500,146
TOTAL SOURCES	\$2,035,526,964	\$270,674,715	\$2,306,201,679

USES			
Loan Assistance Disbursed	\$1,418,760,188	\$118,650,850	\$1,537,411,038
Leveraged Bond Debt Service - Principal	\$235,010,000	\$28,035,000	\$263,045,000
Leveraged Bond Debt Service - Interest	\$145,073,681	\$8,658,995	\$153,732,676
Bond Issuance Cost	\$3,429,517	\$900,782	\$4,330,299
Bond Debt Service Reserve	\$10,897,790	-\$2,271,319	\$8,626,471
State Match Bond Debt Service - Principal	\$26,915,000	\$845,000	\$27,760,000
Administrative Expenses	\$3,763,205	\$0	\$3,763,205
Transfer to DWSRF Program	\$47,992,182	\$0	\$47,992,182
TOTAL USES	\$1,891,841,563	\$154,819,308	\$2,046,660,871

TOTAL SOURCES OF FUNDS FOR SFY 2023	\$270,674,715
LESS TOTAL SFY 2023 EXPENDITURES	-\$154,819,308
DIFFERENCE OF SOURCES AND FUNDS	\$115,855,407

AGING SCHEDULE FY 2023		
NAME OF LOAN RECIPIENT		OVER 30 DAYS
None		\$0

FUND FINANCIAL MANAGEMENT

BINDING COMMITMENTS AND ASSISTANCE ACTIVITY, NIMS

A “binding commitment” as defined by OWRB 785:50 means “legal obligations by the State to the local recipient that define the terms and the timing for assistance under the Clean Water SRF.” Detailed in Table 1, the Oklahoma CWSRF entered into binding commitments for twenty three (23) SFY 2023 projects, all of which were distributed to §212 sewer construction, §319 nonpoint source management, and water and energy efficiency projects. There were no §320 projects funded this fiscal year. The §212 and §319 activities, and sections 603(c)(5-8) projects including adjustments, totaled \$339.9 million exceeding the 120% requirement. Assistance provided reportable to NIMS for SFY 2023 totaled \$340.7 million.

SOURCES, USES AND GUARANTEES OF FUNDS

As shown in Table 5, sources of funds totaled approximately \$270,674,715. Federal funds are drawn as construction is completed and reimbursement requests are submitted. Federal funds are drawn down as quickly as possible using the First In/First Out method.

BYPASS PROCEDURES

The OWRB has established bypass procedures within the OWRB Rules which, along with the Integrated Priority Rating System, guides project funding. The bypass procedure states “A project on the fundable portion of the list may be bypassed if it is determined that the project will not be ready to proceed during the funding year. This determination will be made on projects that are unable to meet the schedule established on the priority list. The applicant whose project is affected shall be given written notice that the project is to be bypassed. Projects that have been bypassed may be reinstated on the fundable 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 treated in the same manner as additional allotments.” Due to the Program’s capacity, there were no bypassed priority projects in SFY 2023.

FINANCIAL SUSTAINABILITY

The OWRB and Hilltop Securities (formerly First South) have developed the Clean Water SRF 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 CWSRF Program is sustainable. A snapshot of the long-term sustainability of the fund can be found online at <https://www.oklahoma.gov/owrb/financing/financial-documents-and-investor-relations>.

CWSRF PROGRAM COMPLIANCE AND FINANCIAL AUDITS

Arledge & Associates Inc., Certified Public Accountants, were retained to audit SFY 2023 CWSRF financial statements and Program compliance. The Single Audit of the Program, audited financial statements, along with the financial statements of the administrative fund held outside the CWSRF can be found at <https://www.oklahoma.gov/owrb/financing/financial-documents-and-investor-relations>.

INTEREST RATE SUBSIDY

An additional indicator, “Estimated Interest Rate Savings” provides a description of the subsidy provided by the CWSRF Program’s AAA rated bonds compared to interest rates available to communities whose local debt would fit into a given credit rating category. The OWRB offers CWSRF loans at an interest rate equal to 60% of the MMD AAA scale spot rates for each year through maturity with 40 to 76 basis points added to compensate for risk. The interest rate is calculated approximately 10 days prior to loan closing and is provided to communities regardless of credit quality. CWSRF interest rates have remained low thanks to the attractive market situation. They have varied between 1.87% and 3.07% during the 2023 Fiscal Year.

STATE MATCHING FUNDS

Through SFY 2023, Oklahoma received federal capitalization grant awards totaling over \$426.7 million matched in previous years by \$77.4 million in state funds. The 2022 capitalization grant and 2022 BIL General Supplemental grant were matched with funds transferred from the CWSRF Administrative Account and later during FY 23, these funds were reimbursed with State Match proceeds from the 2023 Series Bond Issue which occurred in February 2023.

FINANCIAL INDICATORS

In an effort to measure the pace, Oklahoma’s CWSRF Program incorporates “financial indicators” into its annual review. The Financial Indicators, on Table 7, presents seven key measures that reflect the different financial objectives of the SRF and provides broad indicators of how the CWSRF is meeting them.

GRANT PAYMENT SCHEDULE

The OWRB is committed to the timely and expeditious use of its Capitalization Grant funds by expending those funds usually within the SFY they are received. The loan forgiveness funds, set aside for projects, was drawn shortly after the beginning of the SFY 2023. The remainder of the funds, set aside for emerging contaminants projects, should be drawn shortly after the beginning of the SFY 2024.

FEES §602(B)(12)

Administrative fees are assessed to each participating borrower at the rate of one-half of one percent (0.5%) per annum of the amount of each borrower’s loan balance outstanding. These totaled \$3,324,702 in SFY 2023. Application fee rates totaled \$12,617 for SFY 2023. As required by §602(b)(11), these fees are deposited into the CWSRF administrative account outside of the SRF operating expenses.

Table 6: Loan Application Fees

\$249,999 or less	\$100.00
\$250,000 - \$999,999	\$250.00
\$1,000,000 or more	\$500.00

ADMINISTRATIVE COSTS §603(D)(7)

With WRRDA 2014, the methodology of determining funds allowable “for the reasonable costs of administering the fund and conducting activities” changed.

The OWRB has the option of using one of the following methods:

- An amount equal to 4 percent of all grant awards received by a state CWSRF less any amount that has been used in previous years to cover administrative expenses;
- \$400,000; or
- 1/5 percent of the current valuation of the fund.

As documented in the OWRB’s OA, it is beneficial to the OWRB to continue to bank the 4% of all grant awards received by the state.

CONSTRUCTION STARTS AND INITIATION OF OPERATIONS

The Program saw fifteen (15) projects begin construction within SFY 2023. After subtracting the total of this year’s de-obligations from the total assistance amount of the 15 loans, a total annual assistance amount of \$242,276,194.00 was reported to NIMS for SFY 2023.

Ten (10) projects completed construction and initiation operations within SFY 2023. After subtracting the total of this year’s de-obligations and any change in assistance from the total Assistance Amount of the 10 loans, a total annual amount of \$75,103,861.00 was reported to NIMS for SFY 2023.

Table 7: Financial Indicators

Year	FEDERAL RETURN ON INVESTMENT		EXECUTED LOANS AS A % OF FUNDS AVAILABLE		DISBURSEMENTS AS A % OF EXECUTED LOANS		ADDITIONAL LOANS MADE DUE TO LEVERAGING			SUSTAINABILITY (RETAINED EARNINGS) EXCLUDES SUBSIDY		
	306 Annual	307 Cumulative	308 Annual	309 Cumulative	310 Annual	311 Cumulative	312 Annual	313 Cumulative	314 Cumulative Additional Loans as a % of Contributed Capital	318 Annual	319 Cumulative	320 Cumulative Retained Earnings as a % of Contributed Capital
2011	337%	253%	55%	106%	121%	75%	\$28,878,228	\$249,168,426	74%	\$3,479,826	\$54,537,968	18%
2012	384%	265%	370%	111%	174%	81%	\$43,218,046	\$292,386,472	87%	\$1,398,069	\$55,936,037	19%
2013	569%	278%	31%	100%	182%	85%	\$10,946,356	\$303,332,828	87%	\$828,929	\$56,764,966	18%
2014	644%	287%	137%	102%	62%	84%	\$23,584,069	\$326,916,897	90%	-\$132,198	\$56,632,768	17%
2015	324%	289%	73%	101%	180%	86%	-\$6,683,421	\$320,233,476	85%	\$2,406,234	\$59,039,002	17%
2016	570%	307%	86%	101%	183%	89%	-\$2,202,799	\$318,030,677	81%	\$361,550	\$59,400,552	17%
2017	533%	302%	381%	98%	30%	84%	\$79,470,865	\$397,161,369	99%	-\$1,686,758	\$57,924,112	16%
2018	1020%	314%	265%	105%	42%	79%	\$92,870,093	\$490,031,462	118%	-\$188,049	\$57,736,063	15%
2019	296%	313%	217%	108%	77%	79%	\$44,508,914	\$534,540,376	124%	\$2,890,048	\$60,626,111	16%
2020	744%	331%	293%	114%	85%	80%	\$92,767,816	\$627,308,192	141%	\$2,998,708	\$63,624,819	16%
2021	955%	345%	122%	115%	41%	75%	\$159,779,995	\$787,088,187	170%	\$3,867,324	\$67,492,143	16%
2022	967%	361%	251%	118%	121%	77%	\$50,832,948	\$837,921,134	176%	\$2,742,550	\$70,234,693	16%

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Table 8: Historical Funding Sources as of June 30, 2023

Fiscal Year	Federal Cap Grant Amount	State Match Amount	Excess Match Funds	Bond Issue Proceeds	Notes	Less 4% Administration	Total Available For Assistance
1988	\$9,278,000.00	\$1,855,600.00	\$0.00	\$0.00	(1)	\$371,120.00	\$10,762,480.00
1989	\$7,597,400.00	\$1,519,480.00	\$0.00	\$0.00	(2)	\$303,896.00	\$8,812,984.00
1990	\$7,862,000.00	\$1,572,400.00	\$0.00	\$0.00	(3)	\$314,480.00	\$9,119,920.00
1991	\$16,580,619.00	\$3,316,123.80	\$0.20	\$0.00	(3)	\$663,224.76	\$19,233,518.24
1992	\$15,697,737.00	\$3,139,547.40	\$0.60	\$0.00	(4)	\$627,909.48	\$18,209,375.52
1993	\$15,528,546.00	\$3,105,709.20	-\$0.20	\$0.00	(5)	\$621,141.84	\$18,013,113.16
1994	\$9,632,600.00	\$1,926,520.00	\$0.00	\$0.00	(6)	\$385,304.00	\$11,173,816.00
1995	\$9,951,183.00	\$1,990,236.60	\$0.40	\$0.00	(7)	\$398,047.32	\$11,543,372.68
1996	\$16,300,350.00	\$3,260,070.00	-\$1.00	\$0.00	(7,8)	\$652,014.00	\$18,908,405.00
1997	\$4,986,100.00	\$997,220.00	\$21,450.00	\$0.00	(8)	\$199,444.00	\$5,805,326.00
1998	\$10,879,110.00	\$2,175,822.00	\$8,644.94	\$0.00	(9)	\$435,164.40	\$12,628,412.54
1999	\$10,880,001.00	\$2,176,000.20	\$105,646.80	\$0.00	(10)	\$435,200.04	\$12,726,447.96
2000	\$10,996,702.00	\$2,199,340.40	\$82,990.54	\$0.00	(11)	\$439,868.08	\$12,839,164.86
2001	\$10,746,747.00	\$2,149,349.40	\$677.89	\$0.00	(12)	\$429,869.88	\$12,466,904.41
2002	\$10,770,705.00	\$2,154,141.00	\$0.00	\$26,000,000.00	(12,13)	\$430,828.20	\$38,494,017.80
2003	\$10,700,700.00	\$2,140,140.00	\$0.00	\$127,500,000.00	(14)	\$428,028.00	\$139,912,812.00
2004	\$10,720,400.00	\$2,144,080.00	\$0.00	\$0.00	(14)	\$428,816.00	\$12,435,664.00
2005	\$8,693,800.00	\$1,738,760.00	\$0.00	\$0.00	(14)	\$347,752.00	\$10,084,808.00
2006	\$7,046,300.00	\$1,409,260.00	\$67,760.00	\$0.00	(14)	\$281,852.00	\$8,241,468.00
2007/2008	\$14,087,400.00	\$2,817,480.00	\$0.00	\$0.00	(15)	\$563,496.00	\$16,341,384.00
ARRA	\$31,662,100.00	N/A	\$0.00	\$0.00		\$1,266,484.00	\$30,395,616.00
2009/2010	\$21,914,200.00	\$4,382,840.00	-\$20.00	\$93,534,169.20	(15,16)	\$876,568.00	\$118,954,621.20
2011	\$11,930,000.00	\$2,386,000.00	\$0.00	\$0.00	(16)	\$477,200.00	\$13,838,800.00
2012	\$11,419,000.00	\$2,283,800.00	\$0.00	\$100,000,000.00	(16,17)	\$456,760.00	\$113,246,040.00
2013	\$10,786,000.00	\$2,157,200.00	-\$67,760.00	\$0.00	(17)	\$431,440.00	\$12,444,000.00
2014	\$11,328,000.00	\$2,265,600.00	\$0.00	\$0.00	(18)	\$453,120.00	\$13,140,480.00
2015	\$11,269,000.00	\$2,253,800.00	\$0.00	\$114,245,235.87	(19)	\$450,760.00	\$127,317,275.87
2016	\$10,795,000.00	\$2,159,000.00	\$124,800.00	\$0.00	(19)	\$431,800.00	\$12,647,000.00
2017	\$10,712,000.00	\$2,142,400.00	\$0.00	\$0.00	(20)	\$428,480.00	\$12,425,920.00
2018	\$12,967,000.00	\$2,593,400.00	\$0.00	\$0.00	(21)	\$518,680.00	\$15,041,720.00
2019	\$12,837,000.00	\$2,567,400.00	\$0.00	\$0.00	(22)	\$513,480.00	\$14,890,920.00
2020	\$12,838,000.00	\$2,567,600.00	\$0.00	\$121,128,525.76	(23)	\$513,520.00	\$136,020,605.76
2021	\$12,837,000.00	\$2,567,400.00	\$0.00	\$0.00	(23)	\$513,480.00	\$14,890,920.00
2022	\$9,349,000.00	\$1,869,800.00	\$0.00	\$0.00	(24)	\$373,960.00	\$10,844,840.00
BIL Supple	\$14,379,000.00	\$1,437,900.00	\$0.00	\$171,071,209.35	(24)	\$575,160.00	\$186,312,949.35
Emerg Cont.	\$755,000.00	\$0.00	\$0.00	\$0.00		\$0.00	\$755,000.00
Totals	\$426,713,700.00	\$77,421,420.00	\$344,190.17	\$753,479,140.18		\$17,038,348.00	\$1,240,920,102.35

Notes:

- 1 FY 1988 state match appropriated by the legislature from the Statewide Water Development Revolving Fund. - 7/30/88, H.B. 1571
- 2 FY 1989 state match appropriated by the legislature from the Statewide Water Development Revolving Fund. - 4/26/89, S.B. 51
- 3 FYs 1990 and 1991 state matches appropriated by the legislature from the Special Cash Fund. - 3/20/91, S.B. 144
- 4 \$2,892,047 of FY 1992 state match appropriated by the legislature from the Constitutional Reserve Fund. - 5/28/93, S.B. 390; \$200,000 in state match provided by Ute settlement - State of New Mexico and \$47,501 in state match provided from OWRB grant account.
- 5 FY 1993 state match appropriated by the legislature from the Constitutional Reserve Fund. - 5/18/94, H.B. 2761
- 6 OWRB issued its \$1,955,000 SRF Program Notes, Series 1994 on October 25, 1994. The Series 1994 Notes were paid from monies in the Debt Service Reserve Fund for the Board's 1985 State Loan Program Bonds.
- 7 OWRB issued its \$4,050,000 CWSRF Revenue Notes, Series 1996 on May 22, 1996. The Series 1996 Notes were paid from investment and interest earnings on CWSRF accounts and repayments on the Guymon and Ketchum State Loan Program Bond loans. \$1,990,237 went toward meeting the FY 1995 state match and \$2,018,545 toward the FY 1996 state match.
- 8 OWRB issued its \$2,275,000 CWSRF Revenue Notes, Series 1997 on June 26, 1997. The Series 1997 Notes were paid from investment and interest earnings on CWSRF accounts and repayments on the Guymon and Ketchum State Loan Program Bond loans. \$1,241,524 went toward meeting the FY 1996 state match and \$1,018,670 toward the FY 1997 state match.
- 9 OWRB issued its \$2,200,000 CWSRF Revenue Notes, Series 1998 on June 25, 1998. The Series 1998 Notes were paid from investment and interest earnings on CWSRF accounts and repayments on the Guymon and Ketchum State Loan Program Bond loans.
- 10 OWRB issued its \$2,300,000 CWSRF Revenue Notes, Series 1999 on February 15, 1999. The Series 1999 Notes were paid from investment and interest earnings on CWSRF accounts and repayments on the Guymon and Ketchum State Loan Program Bond loans.
- 11 OWRB issued its \$2,300,000 CWSRF Revenue Notes, Series 2000 on June 22, 2000. The Series 2000 Notes were paid from investment and interest earnings on CWSRF accounts and repayments on the Guymon and Ketchum State Loan Program Bond loans.
- 12 OWRB issued its \$4,345,000 CWSRF Revenue Notes, Series 2001 on April 11, 2001. The Series 2001 Notes were paid from investment and interest earnings on CWSRF accounts. \$2,149,349.40 went toward meeting the FY 2001 state match and \$2,154,141.00 went toward meeting the FY 2002 state match.
- 13 OWRB issued a \$28,890,000 CWSRF Interim Construction Loan Revenue Bonds, Series 2001, on August 15, 2001. The Series 2001 Bonds are to be paid from principal and interest payments made on CWSRF loans made from bond proceeds.
- 14 OWRB issued a \$204,480,000 CWSRF/DWSRF Interim Construction Loan Revenue Bonds, Series 2004, on October 26, 2004. The Series 2004 Bonds are to be paid from principal and interest payments made on CWSRF loans made from bond proceeds. Match for 2003, 2004, 2005, 2006 with \$67,760 left.
- 15 Reallocation of bond funds from the 2004 Bond Issue to state matching funds - \$3,908,100 for the 2007, 2008 and 2009 cap grants.
- 16 OWRB issued a \$85,000,000 Revenue Bond Issue, Series 2011 on April 13, 2011 with \$6,492,200 for the 2010 and 2011 cap grants and a portion of the 2012 cap grant. \$814,000 for the 2012 state match will be available from the 2011 bond issue the remainder will need to come from another source.
- 17 OWRB issued a \$86,505,000 Revenue Bond Issue, Series 2012B on November 7, 2012 with \$2,047,000 for the remainder of the 2012 cap grant. The state match for the 2013 cap grant was provided with a reallocation of the 2012B bond proceeds of \$1,500,000 and excess match funds from 2006 of \$67,760 and excess match funds from 2012B Bonds of \$577,200, and \$12,240 from an appropriation from the Water Infrastructure Development Fund.
- 18 Reallocation of bond funds from the 2012B Bond Issue to state matching funds.
- 19 OWRB issued a \$100,620,000 Revenue Bond Issue, Series 2015 on December 17, 2015 providing state match in the amount of \$4,537,600 for the 2015 and 2016 cap grants. The anticipated 2017 cap grant will be matched with excess match funds and reallocated bond proceeds from the Series 2015 Bond Issue.
- 20 Reallocation of bond funds from the 2015 Bond Issue to state matching funds - approved at November 1, 2017 Board Meeting.
- 21 Reallocation of bond funds from the 2015 Bond Issue to state matching funds - approved at September 2018 Board Meeting.
- 22 Transferred from CW Administration Fund - may be reimbursed with bond proceeds.
- 23 OWRB issued a \$100,000,000 2020A CWSRF Bond Issue on December 17, 2020. The bond issue provided \$5,067,600 for state match for the 2020 cap grant and \$2,500,000 for the 2021 cap grant and \$67,400 was transferred from the CW Administration Fund.
- 24 Transferred \$1,437,900 for the BIL Supplemental match, \$1,869,800 for the 2022 match and \$117,000 for the 2023 match from the CW Administration Fund. These funds were reimbursed in February 2023 with State Match proceeds from the 2023 CWSRF \$150,000,000 Bond Issue. The remaining \$4,075,300 will be used for the 2023 Base and 2023 BIL Supplemental matches.

Table 9: Summary of Administrative Accounts

CAP GRANT NO. CS40	CAP GRANT FUNDS	4% SET-ASIDE AMOUNT	STATE ADMIN. YEAR	EXPENDED FROM 4% SET ASIDE	BANKED 4% SET-ASIDE BALANCE CUMULATIVE	RECEIVED IN OUTSIDE ACCOUNT**	EXPENDED FROM OUTSIDE ACCOUNT	EXPENDED FROM OUTSIDE ACCOUNT/BUMP	OUTSIDE ACCT** BALANCE CUMMULATIVE
0001-89-0	88	\$371,120.00	1990	\$267,260.20	\$103,859.80	\$0.00	\$0.00		\$0.00
0001-89-1	89	\$303,896.00	1991	\$317,222.55	\$90,533.25	\$6,645.85	\$0.00		\$6,645.85
0001-90-0	90	\$314,480.00	1992	\$304,224.90	\$100,788.35	\$61,038.10	\$4,845.78		\$62,838.17
0001-91-0	91	\$663,224.76	1993	\$338,973.80	\$425,039.31	\$135,268.39	\$19,201.38		\$178,905.18
0001-92-0	92	\$627,909.48	1994	\$412,302.79	\$640,646.00	\$172,677.21	\$91,539.01		\$260,043.38
0001-93-0	93	\$621,141.84	1995	\$36,317.36	\$1,225,470.48	\$198,427.36	\$374,450.40		\$84,020.34
0001-94-0	94	\$385,304.00	1996	\$370,594.21	\$1,240,180.27	\$204,594.86	\$217,803.20		\$70,812.00
0001-95-0	95	\$398,047.32	1997	\$376,309.00	\$1,261,918.59	\$110,168.75	\$81,189.13		\$99,791.62
0001-96-0	96	\$652,014.00	1998	\$283,979.00	\$1,629,953.59	\$338,310.69	\$311,939.84		\$126,162.47
0001-97-0	97	\$199,444.00	1999	\$0.00	\$1,829,397.59	\$377,880.55	\$378,995.72		\$125,047.30
0001-98-0	98	\$435,164.40	2000	\$0.00	\$2,264,561.99	\$491,889.36	\$449,188.42		\$167,748.24
0001-99-0	99	\$435,200.04	2001	\$220,545.42	\$2,479,216.61	\$601,236.58	\$507,070.09	\$1,857.93	\$260,056.80
0001-100-0	2000	\$439,868.08	2002	\$144,193.71	\$2,774,890.98	\$610,366.39	\$707,864.29	\$26,075.53	\$136,483.37
0001-101-0	2001	\$429,869.88	2003	\$128,364.98	\$3,076,395.88	\$721,147.29	\$615,566.98	\$43,131.32	\$198,932.36
40000202	2002	\$430,828.20	2004	N/A	\$3,507,224.08	\$793,865.98	\$678,699.06	\$3,935.22	\$310,164.06
40000204	2003	\$428,028.00	2005	N/A	\$3,935,252.08	\$843,271.10	\$745,075.59		\$408,359.57
40000205	2004	\$428,028.00	2006	N/A	\$4,363,280.08	\$874,416.19	\$778,732.54		\$504,043.22
40000206	2005	\$347,752.00	2007	\$61,048.30	\$4,649,983.78	\$977,081.00	\$696,811.00		\$784,313.22
40000207	2006	\$281,852.00	2008	\$31,751.26	\$4,900,084.52	\$959,796.00	\$875,374.00		\$868,735.22
40000208	2007/2008	\$563,496.00	2009	\$127,823.28	\$5,335,757.24	\$1,019,751.00	\$1,193,883.00		\$694,603.22
2W-96688501	ARRA	\$1,266,484.00	2010	\$742,626.65	\$5,859,614.59	\$1,179,759.31	\$1,178,736.04		\$695,626.49
40000210	2009/2010	\$876,564.00	2011	\$255,064.13	\$6,481,114.46	\$1,002,432.46	\$1,206,749.42		\$491,309.53
40000211	2011	\$477,200.00	2012	\$80,572.58	\$6,877,741.88	\$1,757,659.00	\$1,053,387.11		\$1,195,581.42
40000212	2012	\$456,760.00	2013	N/A	\$7,334,501.88	\$2,049,551.00	\$1,376,583.00		\$1,868,549.42
40000213	2013	\$431,440.00	2014	N/A	\$7,765,941.88	\$2,276,819.00	\$1,955,991.00		\$2,189,377.42
40000214	2014	\$453,120.00	2015	N/A	\$8,219,061.88	\$2,252,743.00	\$2,051,801.00		\$2,390,319.42
40000215	2015	\$450,760.00	2016	N/A	\$8,669,821.88	\$2,332,320.30	\$2,052,563.81		\$2,670,075.91
40000216	2016	\$431,800.00	2017	N/A	\$9,101,621.88	\$2,466,908.00	\$1,717,624.00		\$3,419,359.91
40000217	2017	\$428,480.00	2018	N/A	\$9,530,101.88	\$2,497,638.55	\$1,737,419.81		\$4,179,578.65
40000218	2018	\$518,680.00	2019	N/A	\$10,048,781.88	\$2,544,874.32	\$1,879,657.68		\$4,844,795.29
40000219	2019	\$513,480.00	2020	N/A	\$10,562,261.88	\$2,672,787.37	\$4,608,132.40		\$2,909,450.26
40000220	2020	\$513,520.00	2021	N/A	\$11,075,781.88	\$2,875,075.00	\$1,989,284.00		\$3,795,241.26
40000221	2021	\$513,480.00	2022	N/A	\$11,589,261.88	3,151,953.00	2,080,305.00		\$4,866,889.26
40000222	2022	\$949,120.00	2023	N/A	\$12,538,381.88	3,422,449.00	2,401,569.00		\$5,887,769.26
TOTAL	N/A	\$17,037,556.00	N/A	\$4,499,174.12	\$12,538,381.88	\$41,980,801.96	\$36,018,032.70	\$75,000.00	\$5,887,769.26
AVAILABLE ADMINISTRATIVE FUNDS					\$12,538,381.88				\$5,887,769.26
TOTAL OF ALL AVAILABLE ADMINISTRATIVE FUNDS									\$18,426,151.14

**THE OUTSIDE ACCOUNT REVENUE IS GENERATED FROM A 0.50% ANNUAL ADMINISTRATIVE FEE ON ALL OUTSTANDING LOANS.

Table 10: Actual Federal Disbursements for SFY 2023

	QTR 1	QTR 2	QTR 3	QTR 4	TOTALS (QTR 1 - 4)
Scheduled	\$23,728,000				\$23,728,000
Actual Federal SRF Program Totals	\$5,490,647	\$11,772,239	\$10,503,611	\$4,131,587	\$31,898,084

PROGRAM INITIATIVES AND RULE CHANGES

DOCUMENT MANAGEMENT SYSTEM

The OWRB continued its efforts to streamline operations by working with EPA, HSO and OMES to implement the Network Exchange Grant awarded to OWRB from EPA. This grant has allowed OWRB to connect our in-house database IFS with CBR. The process that was captured was from the initial PPL application request to reporting all fields in CBR. This was done by updating our processes using Microsoft forms and workflows and connecting those to IFS. Once IFS had the data, OWRB staff QA/QC'd the data and then batch uploaded information into CBR. Work on this project is still ongoing. OWRB and HSO are finalizing the installation of the API to make the data transfer from IFS into CBR even easier, reduce redundancy and reliability of the data.

GOALS FOR FUTURE INTENDED USE PLANS

To provide for better management and greater flexibility of the CWSRF, as well as the DWSRF, the OWRB again requested EPA approval to reserve the right to transfer funds, of up to 33% of the DWSRF capitalization grant, between the two programs. During SFY 2023, the CWSRF program did not transfer any funds to the DWSRF.

No changes in the loan interest rate subsidy are anticipated, however, the OWRB is currently utilizing an independent financial advisor to review all OWRB lending programs and identify the strategy's long-term impact on the health of the fund, along with the financial aspects of the loan application and loan monitoring processes.

RULE CHANGES

There were no rule changes in SFY 2023. A complete list of OWRB Financial Assistance Administrative Rules can be found on the Secretary of State's website at rules.ok.gov/code. An unofficial version can be found on the OWRB website at <https://oklahoma.gov/owrb/about-us/rules-and-requirements.html>. Oklahoma state statutes can be found at www.oscn.net.

The Financial Assistance Division complies with all applicable state statutes, federal laws and administrative codes.

ENVIRONMENTAL BENEFIT AND PERFORMANCE

The CWSRF Program continues to provide affordable financing to communities, achieving its ultimate purpose of protecting public health and the environment while helping the State work towards meeting the “fishable/swimmable” goals of the CWA. Oklahoma’s integrated priority rating system prioritizes based upon multiple environmental benefit metrics to ensure that CWSRF funds are most effectively used, to provide a standardized intra-agency method for benefit comparison and reporting. Further, these metrics provide reference data that can be used to fulfill the OWRB’s reporting requirements in accordance with Environmental Results Assistance Agreement Order No. 5700.7.

Table 11 summarizes the environmental benefits addressed by each project. Five (5) of the twenty-two projects approved for funding during SFY 2023, were proposed as a result of a documented public health threat and/or NPDES discharge permit violation and assist borrowers to come into permit compliance. Thirteen (13) of the twenty-two projects reduced pollutants from affected stream segments identified as threatened or impaired in Oklahoma’s Integrated Water Quality Assessment Report (303(d) listing). Additionally, thirteen (13) projects lie within hydrologic basins where groundwater is considered highly vulnerable, within or affecting a source water protection area, watershed designated as nutrient-limited or upstream of waters with recreational or ecological significance.

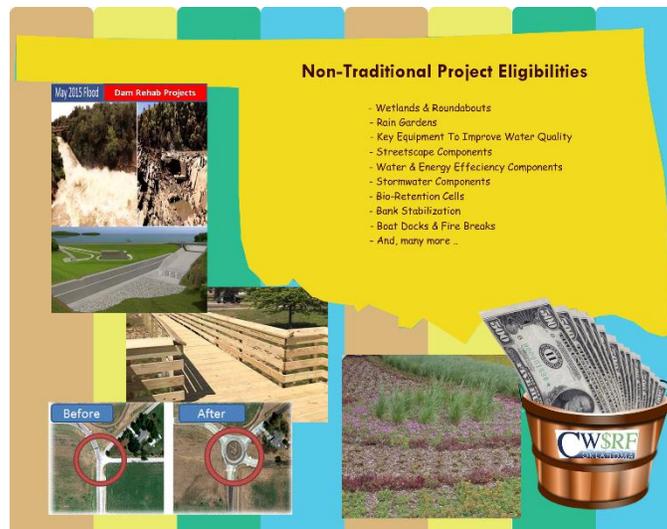


Table 11: Projected Environmental Benefits for Projects Funded within SFY 2023

PROJECT	Stillwater UA	Talala PWA	Marietta MA	Broken Bow PWA	Caddo PWA
Project Number	ORF-21-0025-CW	ORF-22-0010-CW	ORF-22-0078-CW	ORF-23-0066-CW	ORF-23-0068-CW
Binding Commitment Year	2023	2023	2023	2023	2023
Population	48,134	259	2,834	4,244	1,034
Total Assistance Provided	\$10,500,000	\$88,679	\$690,000	\$617,710	\$615,380
Waterbody name	Unnamed Trib to Stillwater Creek	Oolagah Lake	Bills Creek	Yanubbe Creek	Caddo Creek
Affected Waterbody I.D.	OK620900040070_10	OK121510010020_00	OK311100010230_00	OK410200010150_00	OK410600010140_00

PROJECT TYPE FACTOR

Consent Order or Enforceable NPDES Permit Schedule (Have a CO or NOV?)				X	X
Eliminate or reduce documented health threat or NPDES violation within watershed that is a water supply (CO or NOV)					
Eliminate or reduce documented health threat or NPDES violation					X
All other projects sustaining or reducing current degree of treatment, increasing capacity, reliability, or efficiency, reclaim/reuse water, or reduce documented water quality threat	X	X	X	X	

WATER QUALITY RESTORATION FACTOR

Affects 303d listed stream	X	X	X		X
NPS Priority Watershed					
Project implements water quality plan (Does it have a 208?)	X	X	X	X	X

WATER QUALITY PROTECTION FACTOR

APPENDIX A WATER	Outstanding Resource Water				
	High Quality Water				
	Sensitive Water Supply				
	Scenic River				
	Nutrient-limited watershed				
APPENDIX B WATER	Cultural Significance				
	Waters with recreational and/or ecological significance				
GROUNDWATER VULNERABILITY	Source water protection area				
	Low	X		X	X
	Moderate				X
	High				
	Very High		X		

El Reno MA	Shawnee MA	Geronimo PWA	Broken Arrow MA	Oklahoma City WUT	Barnsdall PWA	Coweta PWA
ORF-23-0096-CW	ORF-20-0018-CWB	ORF-23-0122-CW	ORF-23-0167-CW	ORF-21-0008-CW	ORF-22-0063-CW	ORF-19-0002-CWA
2023	2023	2023	2023	2023	2023	2023
17,774	31,576	1,162	108,496	687,725	1,024	10,149
\$440,000	\$65,635,000	\$653,500	\$19,305,000	\$103,513,000	\$275,373	\$4,600,000
N Canadian River	N Canadian River	Lawtonka Lake	Arkansas River	N Canadian River	Waxhoma Lake	Arkansas River
OK520530000010_00	OK52510000110_00	OK311300040070_00	OK120410010010_00	OK520520000010_20	OK121300020190_00	OK120410010080_00

					X	
			X			
	X					X
X		X	X	X	X	
X		X		X		X
X						
X	X	X	X	X	X	X
						X
X		X	X			
X	X		X	X	X	X

Table 11: Continued

PROJECT	Pawhuska PWA	Tishomingo MA	Salina PWA	Covington UA	Inola PWA
Project Number	ORF-23-0080-CW	ORF-23-0101-CW	ORF-23-0085-CW	ORF-23-0147-CW	ORF-23-0152-CW
Binding Commitment Year	2023	2023	2023	2023	2023
Population	2,948	3,071	1,225	465	1,882
Total Assistance Provided	\$470,900	\$1,000,000	\$2,242,000	\$392,968	\$171,000
Waterbody name	Bird Creek	Pennington Creek	Lower Hudson Lake	Covington Creek	Pea Creek
Affected Waterbody I.D.	OK121300030010_00	OK310800010120_00	OK121600020020_00	OK620910030060_00	OK121500020100_00

PROJECT TYPE FACTOR

Consent Order or Enforceable NPDES Permit Schedule					
Eliminate or reduce documented health threat or NPDES violation within watershed that is a water supply					
Eliminate or reduce documented health threat or NPDES violation					
All other projects sustaining or reducing current degree of treatment, increasing capacity, reliability, or efficiency, reclaim/reuse water, or reduce documented water quality threat	X	X	X	X	X

WATER QUALITY RESTORATION FACTOR

Affects 303d listed stream		X	X		X
NPS Priority Watershed					
Project implements water quality plan	X	X	X	X	X

WATER QUALITY PROTECTION FACTOR

APPENDIX A WATER	Outstanding Resource Water				
	High Quality Water		X		
	Sensitive Water Supply				
	Scenic River				
	Nutrient-limited watershed				
	Cultural Significance				
APPENDIX B WATER	Waters with recreational and/or ecological significance		X		
	Source water protection area		X	X	X
GROUNDWATER VULNERABILITY	Low		X		X
	Moderate	X	X		
	High			X	
	Very High				

Norman UA	Lawton WA	Altus MA	Davis MA	Central OK Master Cons. Dist.
ORF-22-0062-CW	ORF-22-0008-CWA	ORF-23-0030-CW	ORF-22-0021-CW	ORF-23-0095-CW
2023	2023	2023	2023	2023
128,097	91,055	18,717	2,801	208,211
\$15,000,000	\$70,000,000	\$22,500,000	\$17,250,000	\$755,000
S Canadian River	Ninemile Creek	Bitter Creek	Unnamed Trib to Dry Sandy Creek	Lake Thunderbird
OK526010010010_00	OK311300020030_00	OK311600020110_05	OK310800020150_00	OK520810000020_00

		X		
	X			
X	X	X	X	
		X		X
X	X	X	X	X
				X
	X	X		
				X
X			X	

THE FUTURE OF OKLAHOMA'S WASTEWATER INFRASTRUCTURE

As a result of the widespread need for water pollution control infrastructure financing and efforts by the OWRB to implement a “lower than market rate” loan program, the OWRB has received a positive response from communities across the state requesting their projects be added to the five-year CWSRF PPL. For SFY 2024, one hundred sixty six (166) communities have made requests for two hundred eighteen (218) wastewater construction, water conservation, water quality and planning and design projects totaling over \$558.9 million. The demand through 2028 totals over \$569.1 million. This number is likely low, as historically the number of projects identified on the CWSRF PPL target for future years underestimates the actual project demand due to the uncertainty of future construction schedules the issuance of new enforcement or administrative orders, etc. The OCWP documented over \$12.5 billion in wastewater construction needs from 2010 through the year 2020. During that same time period, the CWSRF program funded just a fraction of that amount at approximately \$927 million in water quality projects. With this mark passing, the need for the next 20 years is \$22.83 billion in wastewater infrastructure needs by 2040. The OWRB looks forward to the challenge of addressing this need through our CWSRF program by providing affordable financing for water quality projects.

OWRB has begun the renewal of the OCWP, we will be meeting with state agencies and stakeholders to discuss any areas that need updating. Traditionally, the OCWP looked at only drought times. This update will include the extremes, flooding and drought, for a more holistic view. The projected release of this update will be in 2025.

The OWRB’s Financial Assistance Division has funded Oklahoma water and wastewater infrastructure projects for over 30 years. We look forward to working with our partners to develop solutions in order to help communities address their infrastructure needs for this generation and generations to come!

LIST OF ACRONYMS

AIS	American Iron and Steel
CATEX	Categorical Exclusion
CBR	CWSRF Benefits Reporting
CIP	Capital Improvement Plan
CWA	Clean Water Act
CWSRF	Clean Water State Revolving Fund
DB	Davis Bacon (Act)
DBE	Disadvantaged Business Enterprise
DWSRF	Drinking Water State Revolving Fund
EA	Environmental Assessment
EDA	Economic Development Authority
EID	Environmental Information Document
EIS	Environmental Impact Statement
EPA	Environmental Protection Agency
FAD	Financial Assistance Division
FACT	Funding Agency Coordinating Team
FFATA	Federal Funding Accountability and Transparency Act
FFY	Federal Fiscal Year
FONSI	Finding of No Significant Impact
FSP	Fiscal Sustainability Plan
FWPCA	Federal Water Pollution Control Act
GPR	Green Project Reserve
GRDA	Grand River Dam Authority
Guide	Public Wastewater System Planning Guide
IFS	Infrastructure Financing Software
IUP	Intended Use Plan
MA	Municipal Authority
MSA	Municipal Services Authority
MMD	Municipal Market Daily
NEPA	National Environmental Policy Act
NIMS	National Information Management System
NPDES	National Pollutant Discharge Elimination System
OA	Operating Agreement
OCWP	Oklahoma Comprehensive Water Plan
ODEQ	Oklahoma Department of Environmental Quality
ORWA	Oklahoma Rural Water Association
PWA	Public Works Authority
PPL	Project Priority List
PUA	Public Utilities Authority
ROD	Record of Decision
RWSG	Rural Water, Sewer, Gas
SFY	State Fiscal Year
SOF	Statement of Finding
SERP	State Environmental Review Process
SWMD	Solid Waste Management District
WRRDA	Water Resources Reform and Development Act



The Financial Assistance Division would like to thank OWRB's SFY2023 loan recipients, as well as past recipients, for helping to make Oklahoma's Clean Water State Revolving Fund program a success.

Additionally, we would like to thank our staff for their hard work and dedication over the last year. You are each appreciated.

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